

1st
edition
2012



FSP GROUP

PRODUCT CATALOG

Reliable Source Of Power



Over the last 20 years, 3Y Power Technology has steadily expanded its product offering and customer base. As a result, we have been rewarded with numerous consecutive years of double-digit growth, even during times when much of the U.S. technology sector was experiencing contraction.

Our current portfolio of innovative standard products and custom designs, coupled with our core strengths of first-rate engineering, exceptional applications support, and familiarity with intel redundant power specification, allows us to provide rapid response to customer needs - with products that meet the most stringent requirements, (features / functionality / power density / regulatory compliance). In 2004, FSP Group (Taiwan) invested in 3Y Power Technology. Through this collaboration, both companies are experiencing significant benefits from the synergy of strengths that this union created.

When it comes to power supply manufacturing, FSP possesses superior industrial capability. Since its listing on the Taiwan Stock Exchange in 2002, FSP has made great strides towards becoming one of the three largest PC power supply manufacturers in the world.

Few companies truly have both a responsive, nimble and creative engineering front-end, coupled with a high capacity, low cost manufacturing back-end. We do. What's more, our exceptional front-line engineering support teams provide the highest level of technical competency, which allows us to rapidly address our customers' ongoing needs, including resolution of end-product system related issues.

Through these strengths, we can provide a unique combination of four key benefits: Excellent Technical Support, Rapid Time-To-Market, Innovative Designs, and the Low Production Costs required to keep our customers competitive in their respective marketplaces. Repeat business, borne from loyal customers who are frequently delighted to have their expectations exceeded, is the centerpiece of our confident growth plans.

Company Brief

Headquarters : Taoyuan, Taiwan

Established : 1996

Capital : US \$ 8 million

Operation Office : Irvine, CA U.S.A

Established : 1985

Quality Certified : ISO 14001, ISO 9001

Corporate Parent : FSP Group (Taiwan)

Corporate Spirit

Power Up Your Day With 3Y Power !

" Power up your day with 3Y Power " is meant for both customers and employees. 3Y Power Technology is dedicated to make continuous improvements to our product and services. As the satisfaction of our customers is most precious to us, we strive for a long term cooperation, which benefits both partners.

3Y's goal is to exceed our customers' expectations through an innovative, honest, and responsive approach. We want our customers satisfied so that they desire to establish a long term business relationship with us that benefits both companies.

We are also committed to our employees in creating a work environment based on professionalism, teamwork and an employer of equal opportunity. We will remain committed to a team environment that operates on the highest level of ethics and shares in the opportunities and benefits resulting from our company's success.

































Global Locations

Most of our current business is with customers in Asia and North America, where 3Y has its primary Engineering, Manufacturing and Logistics support facilities. However, we ship to, and frequently interface with, many of our customers' manufacturing partners around the globe.









- R & D Center
- Branch Office
- RMA Service Center
- VMI Hub Location
- Factory Location



Index

FORM FACTOR	INPUT	WATTAGE	MODEL NAME	OUTPUTS	80PLUS	DIMENSION (L xW xH mm)	Red. Module	PAGE
1U SINGLE	AC	200W	YM-5201CxR	+3.3V, +5V, +12V, -12V, +5VSB		192.8 x 76.2 x 40.3		P1
1U SINGLE	AC	220W	YM-6221AxR	+3.3V, +5V, +12V1-2, 5VSB		150.0 x 81.5 x 40.5		P2
1U SINGLE	AC	300W	YM-5301GxR	+3.3V, +5V, +12V, -12V, +5VSB		150.0 x 81.5 x 40.3		P3
1U SINGLE	AC	400W	YM-5401FxR	+3.3V, +5V, +12V, -12V, +5VSB		250.0 x 100.0 x 40.5		P4
1U SINGLE	AC	500W	YM-5501DxR	+3.3V, +5V, +12V, -12V, +5VSB		250.0 x 100.0 x 40.5		P5
1U SINGLE	AC	500W	YM-5501ExR	+3.3V, +5V, +12V, -12V, +5VSB		250.0 x 100.0 x 40.5		P6
1U SINGLE	AC	560W	YM-5501FxR	+3.3V, +5V, +12V, -12V, +5VSB		220.0 x 100.0 x 40.5		P7
1U SINGLE	AC	500W	YM-5501GxR	+3.3V, +5V, +12V, -12V, +5VSB		250.0 x 100.0 x 40.5		P8
2U SINGLE	AC	500W	YM-5501HxR	+3.3V, +5V, +12V, -12V, +5VSB		260.0 x 100.0 x 70.0		P9
2U SINGLE	AC	500W	YM-7501BxR	+3.3V, +5V, +12V1-3, -12V, -5V, +5VSB		240.0 x 100.0 x 70.0		P10
2U SINGLE	AC	600W	YM-5601BxR	+3.3V, +5V, +12V, -12V, +5VSB		240.0 x 100.0 x 70.0		P11
2U SINGLE	AC	600W	YM-8601DxR	+3.3V, +5V, +12V1-4, -12V, +5VSB		140.0 x 150.0 x 86.0		P12
2U SINGLE	AC	750W	YM-5751AxR	+3.3V, +5V, +12V, -12V, +5VSB		260.0 x 100.0 x 70.0		P13
PS2	AC	300W	YM-6301YxR	+3.3V, +5V, +12V1-2, -12V, +5VSB		140.0 x 150.0 x 86.0		P14
PS2	AC	500W	YM-5501CxR	+3.3V, +5V, +12V, -12V, +5VSB		140.0 x 150.0 x 86.0		P15
PS2	AC	600W	YM-8601BxR	+3.3V, +5V, +12V1-4, -12V, +5VSB		260.0 x 100.0 x 70.0		P16
PS2	AC	700W	YM-8701AxR	+3.3V, +5V, +12V1-4, -12V, +5VSB		140.0 x 150.0 x 86.0		P17
PS2	AC	850W	YM-8851AxR	+3.3V, +5V, +12V1-4, -12V, +5VSB		140.0 x 150.0 x 86.0		P18
PS2	AC	1000W	YM-8102AxR	+3.3V, +5V, +12V1-4, -12V, +5VSB		140.0 x 150.0 x 86.0		P19
Red. Module	AC	150W	YM-2151ExR	+12V, +5VSB		150.0 x 50.5 x 39.0		P20
Red. Module	AC	300W	YM-2301ExR	+12V, +5VSB		205.0 x 50.5 x 40.0		P21
Red. Module	AC	300W	YM-2301DxR	+12V, +5VSB		300.0 x 50.5 x 40.2		P22
Red. Module	AC	300W	YM-2301PxR	+12V, +5VSB		300.0 x 50.5 x 40.2		P23
Red. Module	AC	300W	YM-2301HxR	+12V, +5VSB		150.0 x 79.0 x 40.3		P24
Red. Module	AC	300W	YM-2301CxR	+12V, +5VSB		215.9 x 101.6 x 40.2		P25
Red. Module	AC	300W	YM-2301GxR	+48V, +12VSB		215.9 x 101.6 x 40.2		P26
Red. Module	AC	400W	YM-2401CxR	+12V, +12VSB		215.9 x 101.6 x 40.2		P27
Red. Module	AC	400W	YM-2401DxR	+24V, +12VSB		215.9 x 101.6 x 40.2		P28
Red. Module	AC	400W	YM-2401BxR	+48V, +12VSB		215.9 x 101.0 x 40.2		P29
Red. Module	AC	450W	YM-2451CxR	+12V, +5VSB		300.0 x 50.5 x 40.2		P30
Red. Module	AC	450W	YM-2451CGR	+12V, +5VSB		300.0 x 50.5 x 40.2		P31
Red. Module	AC	450W	YM-6451CxR	+3.3V, +5V, +12V, -12V, +5VSB		160.4 x 143.0 x 40.5		P32
Red. Module	AC	500W	YM-6501KxR	+3.3V, +5V, +12V, -12V, +5VSB		160.4 x 143.0 x 40.5		P33
Red. Module	AC	500W	YM-5501AxR	+3.3V, +5V, +12V, -12V, +5VSB		270.0 x 98.4 x 40.5		P34
Red. Module	AC	520W	YM-6521BxR	+3.3V, +5V, +12V, -12V, +5VSB		228.0 x 98.4 x 40.5		P35
Red. Module	AC	620W	YM-6621BxR	+3.3V, +5V, +12V, -12V, +5VSB		228.0 x 98.4 x 40.5		P36
Red. Module	AC	650W	YM-2651MxR	+12V, +5VSB		300.0 x 40.2 x 50.5		P37
Red. Module	AC	650W	YM-2651BxR	+12V, +5VSB	 	300.0 x 40.2 x 50.5		P38
Red. Module	AC	680W	YM-2681HxR	+12V, +12VSB		220.0 x 79.0 x 40.0		P39
Red. Module	AC	700W	YM-2701AxR	+12V, +12VSB		185.0 x 73.0 x 38.5		P40
Red. Module	AC	720W	YM-2721AxR	+12V, +5VSB		260.0 x 98.5 x 40.0		P41
Red. Module	AC	720W	YM-2721CxR	+12V, +5VSB		260.0 x 98.5 x 40.0		P42
Red. Module	AC	800W	YM-2801BxR	+12V, +5VSB		185.0 x 73.0 x 38.5		P43
Red. Module	AC	820W	YM-2821AxR	+12V, +12VSB		260.0 x 98.5 x 40.0		P44
Red. Module	AC	820W	YM-2821FxR	+12V, +5VSB		260.0 x 98.5 x 40.0		P45
Red. Module	AC	850W	YM-2851BxR	+12V, +12VSB		185.0 x 73.0 x 38.5		P46
Red. Module	AC	1000W	YM-2102BxR	+12V, +5VSB		260.0 x 98.5 x 40.0		P47
Red. Module	AC	1000W	YM-2102FxR	+12V, +5VSB		260.0 x 98.5 x 40.0		P48
1U 1+1, Red.	AC	150W	YH5151-1ExR	+3.3V, +5V, +12V, -12V, +5VSB		205.0 x 106.0 x 40.0	YM-2151ExR	P49
1U 1+1, Red.	AC	300W	YH5301-1ExR	+3.3V, +5V, +12V, -12V, +5VSB		260.0 x 106.0 x 40.0	YM-2301ExR	P50
1U 1+1, Red.	AC	300W	YH5301-1DxR	+3.3V, +5V, +12V, -12V, +5VSB		210.0 x 168.0 x 42.5	YM-2301HxR	P51
1U 1+1, Red.	AC	300W	YH5301-1BxR	+3.3V, +5V, +12V, -12V, +5VSB		355.0 x 106.0 x 41.5	YM-2301DxR	P52
1U 1+1, Red.	AC	300W	YH2301-1CxR	+12V, +5VSB		355.0 x 106.0 x 41.5	YM-2301DxR	P53
1U 1+1, Red.	AC	450W	YH2451-1CxR	+12V, +5VSB		355.0 x 106.0 x 41.5	YM-2451CxR	P54
1U 1+1, Red.	AC	450W	YH8451-1BxR	+3.3V, +5V, +12V1-3, -12V, +5VSB		355.0 x 106.0 x 41.5	YM-2451CxR	P55

Index

FORM FACTOR	INPUT	WATTAGE	MODEL NAME	OUTPUTS	80PLUS	DIMENSION (L x W x H mm)	Red. Module	PAGE
1U 1+1, Red.	AC	650W	YH2651-1CxR	+12V, +5VSB		355.0 x 106.0 x 41.5	YM-2651BxR	P56
1U 1+1, Red.	AC	650W	YH8651-1BxR	+3.3V, +5V, +12V1-4, -12V, +5VSB		355.0 x 106.0 x 41.5	YM-2651BxR	P57
1U 3+1, Red.	AC	1140W	YH8112-3DxR	+3.3V, +5V, +12V1-4, 5VSB		310.0 x 383.0 x 43.0	YM-7381CxR	P58
1U 3+1, Red.	AC	1500W	YH7152-3AxR	+3.3V, +5V, +12V1-3, -12V, +5VSB		337.5 x 422.0 x 43.0	YM-5501AxR	P59
1U 3+1, Red.	AC	2100W	YH2212-3AxR	+12V, +5VSB		337.5 x 422.0 x 43.0	YM-2721AxR	P60
1U 3+1, Red.	AC	2100W	YH6212-3AxR	+3.3V, +5V, +12V, -12V, -5V, +5VSB		337.5 x 422.0 x 43.0	YM-2721AxR	P61
1U 3+1, Red.	AC	2400W	YH2242-3AxR	+12V, +5VSB		337.5 x 422.0 x 43.0	YM-2821AxR	P62
1U 3+1, Red.	AC	2400W	YH6242-3AxR	+3.3V, +5V, +12V, -12V, -5V, +5VSB		337.5 x 422.0 x 43.0	YM-2821AxR	P63
1U 3+1, Red.	AC	3000W	YH2302-3AxR	+12V, +5VSB		337.5 x 422.0 x 43.0	YM-2102BxR	P64
1U 3+1, Red.	AC	3000W	YH6302-3AxR	+3.3V, +5V, +12V, -12V, -5V, +5VSB		337.5 x 422.0 x 43.0	YM-2102BxR	P65
2U 1+1, Red.	AC	300W	YH5301-1CxR	+3.3V, +5V, +12V, -12V, +5VSB		210.0 x 84.0 x 85.0	YM-2301HxR	P66
2U 1+1, Red.	AC	350W	YH6351-1NxR	+3.3V, +5V, +12V, -12V, +5VSB		300.0 x 101.0 x 84.0	YM-6351NxR	P67
2U 1+1, Red.	AC	500W	YH7501-1CxR	+3.3V, +5V, +12V, -12V, +5VSB		313.0 x 101.0 x 85.0	YM-5501AxR	P68
2U 1+1, Red.	AC	520W	YH6521-1BxR	+3.3V, +5V, +12V, -12V, -5V, +5VSB		300.0 x 101.0 x 84.4	YM-6521BxR	P69
2U 1+1, Red.	AC	620W	YH6621-1BxR	+3.3V, +5V, +12V, -12V, -5V, +5VSB		300.0 x 101.0 x 84.4	YM-6621BxR	P70
2U 1+1, Red.	AC	680W	YH5681-1HxR	+3.3V, +5V, +12V, -12V, +5VSB		260.0 x 101.0 x 82.0	YM-2681HxR	P71
2U 1+1, Red.	AC	720W	YH5721-1AxR	+3.3V, +5V, +12V, -12V, +5VSB		300.0 x 101.7 x 83.8	YM-2721AxR	P72
2U 1+1, Red.	AC	720W	YH5721-1CxR	+3.3V, +5V, +12V, -12V, +5VSB		300.0 x 101.7 x 83.8	YM-2721CxR	P73
2U 1+1, Red.	AC	820W	YH5821-1AxR	+3.3V, +5V, +12V, -12V, +5VSB		300.0 x 101.7 x 83.8	YM-2821AxR	P74
2U 1+1, Red.	AC	820W	YH5821-1FxR	+3.3V, +5V, +12V, -12V, +5VSB		300.0 x 101.7 x 83.8	YM-2821FxR	P75
2U 1+1, Red.	AC	1000W	YH5102-1BxR	+3.3V, +5V, +12V, -12V, +5VSB		300.0 x 101.7 x 83.8	YM-2102BxR	P76
2U 1+1, Red.	AC	1000W	YH5102-1FxR	+3.3V, +5V, +12V, -12V, +5VSB		300.0 x 101.7 x 83.8	YM-2102FxR	P77
3U 2+1, Red.	AC	760W	YH7761-2AxR	+3.3V, +5V, +12V1-4, -12V, -5V, +5VSB		290.0 x 85.0 x 127.0		P78
3U 2+1, Red.	AC	840W	YH7841-2CxR	+3.3V, +5V, +12V1-4, -12V, +5VSB		290.0 x 86.0 x 127.0		P79
3U 2+1, Red.	AC	900W	YH8901-2AxR	+3.3V, +5V, +12V1-3, -12V, +5VSB		350.0 x 54.5 x 128.3	YM-2451CxR	P80
3U 2+1, Red.	AC	1300W	YH8132-2AxR	+3.3V, +5V, +12V1-3, -12V, +5VSB		350.0 x 54.5 x 128.3	YM-2651BxR	P81
MINI 1+1, Red.	AC	350W	YH6351-1QxR	+3.3V, +5V, +12V, -12V, +5VSB		190.0 x 150.0 x 84.0	YM-6351QxR	P82
MINI 1+1, Red.	AC	450W	YH6451-1CxR	+3.3V, +5V, +12V, -12V, +5VSB		190.0 x 150.0 x 84.0	YM-6451CxR	P83
MINI 1+1, Red.	AC	500W	YH6501-1KxR	+3.3V, +5V, +12V, -12V, -5V, +5VSB		190.0 x 150.0 x 84.0	YM-6501KxR	P84
MINI 1+1, Red.	AC	500W	YH8511-1AxR	+3.3V, +5V, +12V1-4, -12V, +5VSB		260.0 x 150.0 x 86.0		P85
MINI 1+1, Red.	AC	620W	YH8611-1AxR	+3.3V, +5V, +12V1-4, -12V, +5VSB		260.0 x 150.0 x 86.0		P86
CRPS 2U Red.	AC	700W	YH5701-1AxR	+3.3V, +5V, +12V, -12V, +5VSB		250.0 x 75.6 x 83.8	YM-2721AxR	P87
CRPS 2U Red.	AC	800W	YH5801-1BxR	+3.3V, +5V, +12V, -12V, +5VSB		166.0 x 146.0 x 40.0	YM-2801BxR	P88
O / F 3 x 5	AC	100W	YM-1101EAR	+12V		76.2 x 127.0 x 32.0		P89
O / F 3 x 5	AC	100W	YM-1101BBR	+24V		76.2 x 127.0 x 32.0		P90
O / F 3 x 5	AC	100W	YM-1101CBR	+48V		76.2 x 127.0 x 32.0		P91
O / F 4 x 6	AC	126W	YM-1131MAR	+12V		101.6 x 152.4 x 31.7		P92
O / F 3 x 6	AC	150W	YM-1151BAR	+12V		76.2 x 152.4 x 31.8		P93
O / F 4 x 7	AC	174W	YM-1161DAR	+12.4V		101.6 x 177.8 x 101.6		P94
O / F 4 x 8	AC	325W	YM-1361BAR	+24V		100.0 x 203.0 x 40.0		P95
O / F 4 x 8	AC	325W	YM-2351CAR	+5V, +12V		100.0 x 203.0 x 40.0		P96
POE	DC	60W	YM-1061AAR	-53.5V		40.0 x 130.0 x 28.0		P97
Red. Module	DC	300W	YM-2301QxR	+12V, +5VSB		300.0 x 50.5 x 40.2		P98
Red. Module	DC	450W	YM-2451DxR	+12V, +5VSB		300.0 x 50.5 x 40.2		P99
Red. Module	DC	650W	YM-2651CxR	+12V, +5VSB		300.0 x 50.5 x 40.2		P100
Red. Module	DC	720W	YM-2721ExR	+12V, +5VSB		260.0 x 98.5 x 40.0		P101
Red. Module	DC	820W	YM-2821CxR	+12V, +5VSB		260.0 x 98.5 x 40.0		P102
1U 1+1, Red.	DC	450W	YH8451-1DxR	+3.3V, +5V, +12V1-4, -12V, +5VSB		355.0 x 106.0 x 41.5	YM-2451DxR	P103
1U 1+1, Red.	DC	650W	YH8651-1ExR	+3.3V, +5V, +12V1-4, -12V, +5VSB		355.0 x 106.0 x 41.5	YM-2651CxR	P104
2U 1+1, Red.	DC	720W	YH5721-1ExR	+3.3V, +5V, +12V, -12V, +5VSB		300.0 x 101.7 x 83.8	YM-2721ExR	P105
2U 1+1, Red.	DC	820W	YH5821-1CxR	+3.3V, +5V, +12V, -12V, +5VSB		300.0 x 101.7 x 83.8	YM-2821CxR	P106
3U 1+1, Red.	DC	900W	YH8901-2BxR	+3.3V, +5V, +12V1-3, -12V, +5VSB		350.0 x 54.5 x 128.3	YM-2451DxR	P107
3U 1+1, Red.	DC	1300W	YH8132-2BxR	+3.3V, +5V, +12V1-3, -12V, +5VSB		350.0 x 54.5 x 128.3		P108

Note : Red. = Redundant ; O / F = Open Frame

Index

FORM FACTOR	INPUT	WATTAGE	MODEL NAME	DIMENSION (L x W x H mm)	UL [®] US	CE	CB	CCC	FC	N	PAGE
1U SINGLE	AC	200W	YM-5201CxR	192.8 x 76.2 x 40.3	V	V	V	V	V		P1
1U SINGLE	AC	220W	YM-6221AxR	150.0 x 81.5 x 40.5	V	V	V			V	P2
1U SINGLE	AC	300W	YM-5301GxR	150.0 x 81.5 x 40.3	V	V	V	V	V		P3
1U SINGLE	AC	400W	YM-5401FxR	250.0 x 100.0 x 40.5	V	V	V	V	V		P4
1U SINGLE	AC	500W	YM-5501DxR	250.0 x 100.0 x 40.5	V	V	V	V	V		P5
1U SINGLE	AC	500W	YM-5501ExR	250.0 x 100.0 x 40.5	V	V	V	V	V		P6
1U SINGLE	AC	560W	YM-5501FxR	220.0 x 100.0 x 40.5							P7
1U SINGLE	AC	500W	YM-5501GxR	250.0 x 100.0 x 40.5							P8
2U SINGLE	AC	500W	YM-5501HxR	260.0 x 100.0 x 70.0							P9
2U SINGLE	AC	500W	YM-7501BxR	240.0 x 100.0 x 70.0	V	V	V	V	V		P10
2U SINGLE	AC	600W	YM-5601BxR	240.0 x 100.0 x 70.0	V	V	V	V	V		P11
2U SINGLE	AC	600W	YM-8601DxR	140.0 x 150.0 x 86.0							P12
2U SINGLE	AC	750W	YM-5751AxR	260.0 x 100.0 x 70.0							P13
PS2	AC	300W	YM-6301YxR	140.0 x 150.0 x 86.0							P14
PS2	AC	500W	YM-5501CxR	140.0 x 150.0 x 86.0							P15
PS2	AC	600W	YM-8601BxR	260.0 x 100.0 x 70.0							P16
PS2	AC	700W	YM-8701AxR	140.0 x 150.0 x 86.0	V	V	V	V	V		P17
PS2	AC	850W	YM-8851AxR	140.0 x 150.0 x 86.0	V	V	V	V	V		P18
PS2	AC	1000W	YM-8102AxR	140.0 x 150.0 x 86.0	V	V	V	V	V		P19
Red. Module	AC	150W	YM-2151ExR	150.0 x 50.5 x 39.0							P20
Red. Module	AC	300W	YM-2301ExR	205.0 x 50.5 x 40.0							P21
Red. Module	AC	300W	YM-2301DxR	300.0 x 50.5 x 40.2	V	V	V	V	V		P22
Red. Module	AC	300W	YM-2301PxR	300.0 x 50.5 x 40.2							P23
Red. Module	AC	300W	YM-2301HxR	150.0 x 79.0 x 40.3	V	V	V	V	V	V	P24
Red. Module	AC	300W	YM-2301CxR	215.9 x 101.6 x 40.2	V	V	V	V	V		P25
Red. Module	AC	300W	YM-2301GxR	215.9 x 101.6 x 40.2	V	V	V				P26
Red. Module	AC	400W	YM-2401CxR	215.9 x 101.6 x 40.2	V	V	V	V			P27
Red. Module	AC	400W	YM-2401DxR	215.9 x 101.6 x 40.2	V	V	V	V			P28
Red. Module	AC	400W	YM-2401BxR	215.9 x 101.0 x 40.2	V	V	V	V			P29
Red. Module	AC	450W	YM-2451CxR	300.0 x 50.5 x 40.2	V	V	V	V	V	V	P30
Red. Module	AC	450W	YM-2451CGR	300.0 x 50.5 x 40.2	V	V	V	V	V	V	P31
Red. Module	AC	450W	YM-6451CxR	160.4 x 143.0 x 40.5	V	V	V	V	V		P32
Red. Module	AC	500W	YM-6501KxR	160.4 x 143.0 x 40.5	V	V	V	V	V		P33
Red. Module	AC	500W	YM-5501AxR	270.0 x 98.4 x 40.5	V	V	V	V	V	V	P34
Red. Module	AC	520W	YM-6521BxR	228.0 x 98.4 x 40.5	V	V	V	V	V		P35
Red. Module	AC	620W	YM-6621BxR	228.0 x 98.4 x 40.5	V	V	V	V	V		P36
Red. Module	AC	650W	YM-2651MxR	300.0 x 40.2 x 50.5							P37
Red. Module	AC	650W	YM-2651BxR	300.0 x 40.2 x 50.5	V	V	V	V	V	V	P38
Red. Module	AC	680W	YM-2681HxR	220.0 x 79.0 x 40.0	V	V	V	V	V	V	P39
Red. Module	AC	700W	YM-2701AxR	185.0 x 73.0 x 38.5							P40
Red. Module	AC	720W	YM-2721AxR	260.0 x 98.5 x 40.0	V	V	V	V	V	V	P41
Red. Module	AC	720W	YM-2721CxR	260.0 x 98.5 x 40.0	V	V	V	V	V	V	P42
Red. Module	AC	800W	YM-2801BxR	185.0 x 73.0 x 38.5							P43
Red. Module	AC	820W	YM-2821AxR	260.0 x 98.5 x 40.0	V	V	V	V	V	V	P44
Red. Module	AC	820W	YM-2821FxR	260.0 x 98.5 x 40.0	V	V	V	V	V	V	P45
Red. Module	AC	850W	YM-2851BxR	185.0 x 73.0 x 38.5							P46
Red. Module	AC	1000W	YM-2102BxR	260.0 x 98.5 x 40.0	V	V	V	V	V	V	P47
Red. Module	AC	1000W	YM-2102FxR	260.0 x 98.5 x 40.0	V	V	V	V	V	V	P48
1U 1+1, Red.	AC	150W	YH5151-1ExR	205.0 x 106.0 x 40.0							P49
1U 1+1, Red.	AC	300W	YH5301-1ExR	260.0 x 106.0 x 40.0							P50
1U 1+1, Red.	AC	300W	YH5301-1DxR	210.0 x 168.0 x 42.5	V	V	V	V	V	V	P51
1U 1+1, Red.	AC	300W	YH5301-1BxR	355.0 x 106.0 x 41.5	V	V	V	V	V	V	P52
1U 1+1, Red.	AC	300W	YH2301-1CxR	355.0 x 106.0 x 41.5							P53
1U 1+1, Red.	AC	450W	YH2451-1CxR	355.0 x 106.0 x 41.5	V	V	V	V	V		P54
1U 1+1, Red.	AC	450W	YH8451-1BxR	355.0 x 106.0 x 41.5	V	V	V	V	V	V	P55

Index

FORM FACTOR	INPUT	WATTAGE	MODEL NAME	DIMENSION (LxWxH mm)	UL [®] US	UL [®] CANADA	CB	CE	CCC	RoHS	FC	N	PAGE
1U 1+1, Red.	AC	650W	YH2651-1CxR	355.0 x 106.0 x 41.5	V	V	V	V	V	V			P56
1U 1+1, Red.	AC	650W	YH8651-1BxR	355.0 x 106.0 x 41.5	V	V	V	V	V	V			P57
1U 3+1, Red.	AC	1140W	YH8112-3DxR	310.0 x 383.0 x 43.0	V	V	V	V	V		V		P58
1U 3+1, Red.	AC	1500W	YH7152-3AxR	337.5 x 422.0 x 43.0	V	V	V	V	V		V		P59
1U 3+1, Red.	AC	2100W	YH2212-3AxR	337.5 x 422.0 x 43.0	V	V	V	V	V	V			P60
1U 3+1, Red.	AC	2100W	YH6212-3AxR	337.5 x 422.0 x 43.0	V	V	V	V	V	V			P61
1U 3+1, Red.	AC	2400W	YH2242-3AxR	337.5 x 422.0 x 43.0	V	V	V	V	V	V			P62
1U 3+1, Red.	AC	2400W	YH6242-3AxR	337.5 x 422.0 x 43.0	V	V	V	V	V	V			P63
1U 3+1, Red.	AC	3000W	YH2302-3AxR	337.5 x 422.0 x 43.0	V	V	V	V	V	V			P64
1U 3+1, Red.	AC	3000W	YH6302-3AxR	337.5 x 422.0 x 43.0	V	V	V	V	V	V			P65
2U 1+1, Red.	AC	300W	YH5301-1CxR	210.0 x 84.0 x 85.0	V	V	V	V	V	V	V		P66
2U 1+1, Red.	AC	350W	YH6351-1NxR	300.0 x 101.0 x 84.0									P67
2U 1+1, Red.	AC	500W	YH7501-1CxR	313.0 x 101.0 x 85.0	V	V	V	V	V				P68
2U 1+1, Red.	AC	520W	YH6521-1BxR	300.0 x 101.0 x 84.4	V	V	V	V	V				P69
2U 1+1, Red.	AC	620W	YH6621-1BxR	300.0 x 101.0 x 84.4	V	V	V	V	V				P70
2U 1+1, Red.	AC	680W	YH5681-1HxR	260.0 x 101.0 x 82.0	V	V	V	V	V	V	V		P71
2U 1+1, Red.	AC	720W	YH5721-1AxR	300.0 x 101.7 x 83.8	V	V	V	V	V	V			P72
2U 1+1, Red.	AC	720W	YH5721-1CxR	300.0 x 101.7 x 83.8	V	V	V	V	V	V	V		P73
2U 1+1, Red.	AC	820W	YH5821-1AxR	300.0 x 101.7 x 83.8	V	V	V	V	V	V			P74
2U 1+1, Red.	AC	820W	YH5821-1FxR	300.0 x 101.7 x 83.8	V	V	V	V	V	V	V		P75
2U 1+1, Red.	AC	1000W	YH5102-1BxR	300.0 x 101.7 x 83.8	V	V	V	V	V	V			P76
2U 1+1, Red.	AC	1000W	YH5102-1FxR	300.0 x 101.7 x 83.8	V	V	V	V	V	V	V		P77
3U 2+1, Red.	AC	760W	YH7761-2AxR	290.0 x 85.0 x 127.0	V	V	V	V	V		V		P78
3U 2+1, Red.	AC	840W	YH7841-2CxR	290.0 x 86.0 x 127.0	V	V	V	V	V				P79
3U 2+1, Red.	AC	900W	YH8901-2AxR	350.0 x 54.5 x 128.3	V	V	V	V	V				P80
3U 2+1, Red.	AC	1300W	YH8132-2AxR	350.0 x 54.5 x 128.3	V	V	V	V	V				P81
MINI 1+1, Red.	AC	350W	YH6351-1QxR	190.0 x 150.0 x 84.0	V	V	V	V	V				P82
MINI 1+1, Red.	AC	450W	YH6451-1CxR	190.0 x 150.0 x 84.0	V	V	V	V	V				P83
MINI 1+1, Red.	AC	500W	YH6501-1KxR	190.0 x 150.0 x 84.0	V	V	V	V	V				P84
MINI 1+1, Red.	AC	500W	YH8511-1AxR	260.0 x 150.0 x 86.0	V	V	V	V	V	V	V		P85
MINI 1+1, Red.	AC	620W	YH8611-1AxR	260.0 x 150.0 x 86.0	V	V	V	V	V	V	V		P86
CRPS 2U Red.	AC	700W	YH5701-1AxR	250.0 x 75.6 x 83.8									P87
CRPS 2U Red.	AC	800W	YH5801-1BxR	166.0 x 146.0 x 40.0									P88
O / F 3 x 5	AC	100W	YM-1101EAR	76.2 x 127.0 x 32.0	V	V	V						P89
O / F 3 x 5	AC	100W	YM-1101BBR	76.2 x 127.0 x 32.0	V	V	V						P90
O / F 3 x 5	AC	100W	YM-1101CBR	76.2 x 127.0 x 32.0	V	V	V						P91
O / F 4 x 6	AC	126W	YM-1131MAR	101.6 x 152.4 x 31.7	V	V	V						P92
O / F 3 x 6	AC	150W	YM-1151BAR	76.2 x 152.4 x 31.8	V	V	V						P93
O / F 4 x 7	AC	174W	YM-1161DAR	101.6 x 177.8 x 101.6	V	V	V		V				P94
O / F 4 x 8	AC	325W	YM-1361BAR	100.0 x 203.0 x 40.0									P95
O / F 4 x 8	AC	325W	YM-2351CAR	100.0 x 203.0 x 40.0									P96
POE	DC	60W	YM-1061AAR	40.0 x 130.0 x 28.0	V	V	V						P97
Red. Module	DC	300W	YM-2301QxR	300.0 x 50.5 x 40.2	V	V	V	V	V				P98
Red. Module	DC	450W	YM-2451DxR	300.0 x 50.5 x 40.2	V	V	V	V	V				P99
Red. Module	DC	650W	YM-2651CxR	300.0 x 50.5 x 40.2	V	V	V	V	V				P100
Red. Module	DC	720W	YM-2721ExR	260.0 x 98.5 x 40.0	V	V	V	V	V		V		P101
Red. Module	DC	820W	YM-2821CxR	260.0 x 98.5 x 40.0	V	V	V	V	V		V		P102
1U 1+1, Red.	DC	450W	YH8451-1DxR	355.0 x 106.0 x 41.5	V	V	V	V	V				P103
1U 1+1, Red.	DC	650W	YH8651-1ExR	355.0 x 106.0 x 41.5	V	V	V	V	V				P104
2U 1+1, Red.	DC	720W	YH5721-1ExR	300.0 x 101.7 x 83.8	V	V	V	V	V		V		P105
2U 1+1, Red.	DC	820W	YH5821-1CxR	300.0 x 101.7 x 83.8	V	V	V	V	V		V		P106
3U 1+1, Red.	DC	900W	YH8901-2BxR	350.0 x 54.5 x 128.3	V	V	V	V	V				P107
3U 1+1, Red.	DC	1300W	YH8132-2BxR	350.0 x 54.5 x 128.3	V	V	V	V	V				P108

Note : Red. = Redundant ; O / F = Open Frame



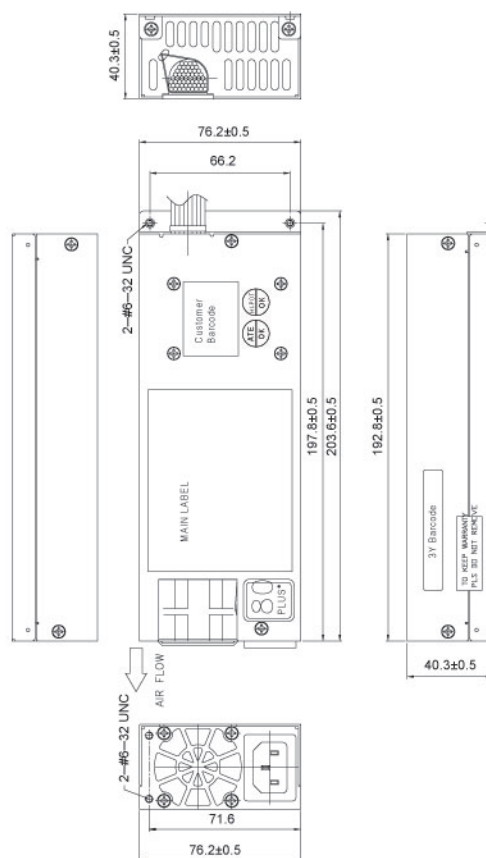
Features

- **Protections : Over current/Over Voltage/Over Temperature**
- **Active Power Factor Correction**
- **Low Noise (w/Fan speed control)**



Specifications

Total Output	200W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	3.0A max at 115V , 1.5A max at 230V
Inrush Current	30A max at 115V , 30 A max at 230V
Power Factor	> 0.95 / 115V 60Hz , > 0.93 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 17 mS / 115 V
Over Current Protection	+3.3V : 8.8A ~ 12A, +5V : 8.8A ~ 12A +12V : 17.6A ~ 24A, -12V : 0.55A ~ 0.75A +5VSB : 2.2A ~ 3A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V, +5V : 5.7V ~ 6.5V +12V : 13.4V ~ 14.5V, -12 V : NA +5VSB : 5.6V ~ 6.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	6.06 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	76.2 (W) x 40.3 (H) X 192.8 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 95% RH, Non-condensing
Storage Temperature	-20 °C to +80 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.2 A	8 A	+3.3 V, +5 V & +12 V combined power ≤ 200 W	50mV p-p
+5 V	0.2 A	8 A		50mV p-p
+12 V	0.2 A	16 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0.2 A	2 A		50mV p-p



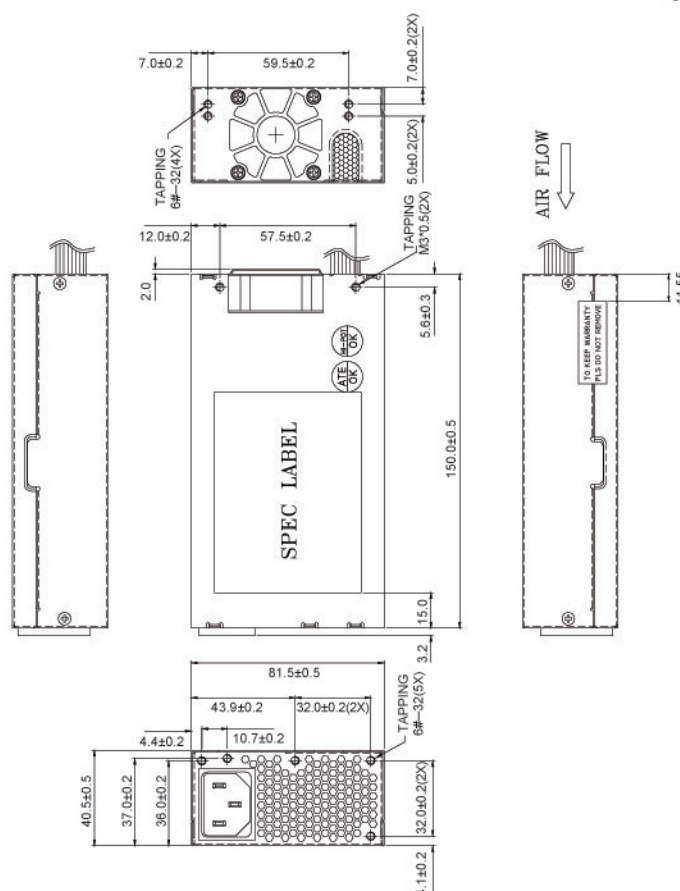
Features

- **Protections : Over current/Over Voltage/Over Temperature**
- **Active Power Factor Correction**
- **Low Noise (w/Fan speed control)**



Specifications

Total Output	220W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	5A max at 115V, 3A max at 230V
Inrush Current	115V / 230V No damage
Power Factor	> 0.95 / 115V 60Hz, > 0.93 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 17 mS / 115 V
Over Current Protection	+3.3V : 15.4A ~ 21A +5V : 17.6A ~ 24A +12V1 : 17.6A ~ 24A
Over Voltage Protection	+12V2 : 11A ~ 15A +3.3V : 3.5V ~ 4.8V +5V : 5.5V ~ 6.82V +12V1-2 : 13.4V ~ 15.6V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	7.28 W/in3
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	81.5 (W) x 40.5 (H) X 150.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90% RH, Non-condensing
Storage Temperature	-20 °C to +80 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	14 A	+3.3 V & +5 V combined power ≤ 110 W +3.3 V, +5 V & 12 V1-2 combined \leq up to 220 W	50mV p-p
+5 V	0.5 A	16 A		50mV p-p
+12 V1	1.0 A	16 A		120mV p-p
+12 V2	1.0 A	10 A		120mV p-p
-12 V	0.1 A	0.8 A		120mV p-p
+5 VSB	0 A	2.5 A		50mV p-p



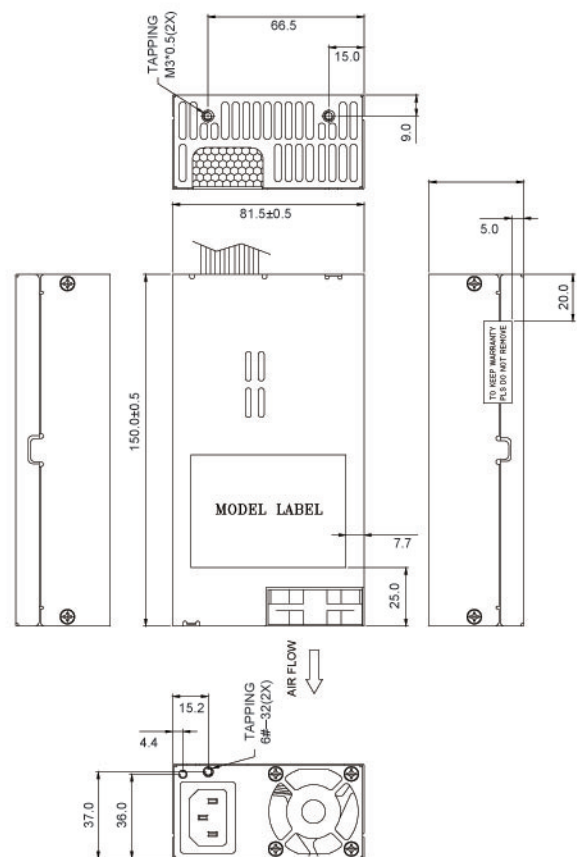
Features

- Protections : Over current/Over Voltage/Over Temperature
- 4A Standby rating compliance
- Flex ATX form factor



Specifications

Total Output	300W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	6A max at 100V , 3A max at 220V
Inrush Current	60A max at 90V - 264V
Power Factor	> 0.97 / 115V 60Hz , > 0.95 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 17 mS / 115 V
Over Current Protection	+3.3V : 18.7A ~ 25.5A +5V : 19.8A ~ 27A +12V : 26.4A ~ 36A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.4V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 85\%$ at Max load of 115 ~ 230VAC
Power Density	9.98 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	81.5 (W) x 40.3 (H) X 150.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90%, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.3 A	17 A	+3.3 V & +5 V combined power ≤ 120 W	75mV p-p
+5 V	0.3 A	18 A		75mV p-p
+12 V	0.7 A	24 A		150mV p-p
-12 V	0 A	0.3 A		150mV p-p
+5 VSB	0.1 A	4 A		75mV p-p

1U Single | YM-5401FxR



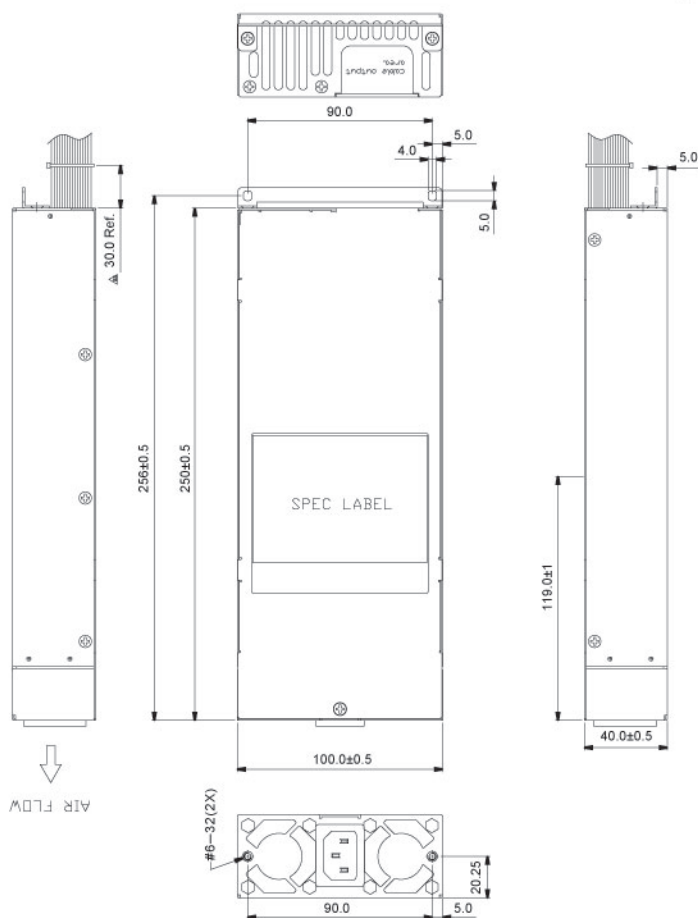
Features

- Protections : Over current/Over Voltage/Over Temperature
- Active Power Factor Correction
- Low Noise (w/Fan speed control)



Specifications

Total Output	400W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	6.0A max at 115V , 3.0A max at 230V
Inrush Current	100A max at 90V - 264V
Power Factor	> 0.98 / 110V 60Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 14 mS / 115 V
Over Current Protection	+3.3V : 22A ~ 30A +5V : 27.5A ~ 37.5A +12V : 38.5A ~ 52.5A
Over Voltage Protection	+3.3V : 4.5V max. +5V : 6.5V max. +12V : 14.5V max.
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	6.47 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	100.0 (W) x 40.5 (H) X 250.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90% RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	20 A	+3.3 V & +5 V combined power ≤ 125 W	50mV p-p
+5 V	1.0 A	25 A		50mV p-p
+12 V	1.0 A	35 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0 A	4 A		50mV p-p



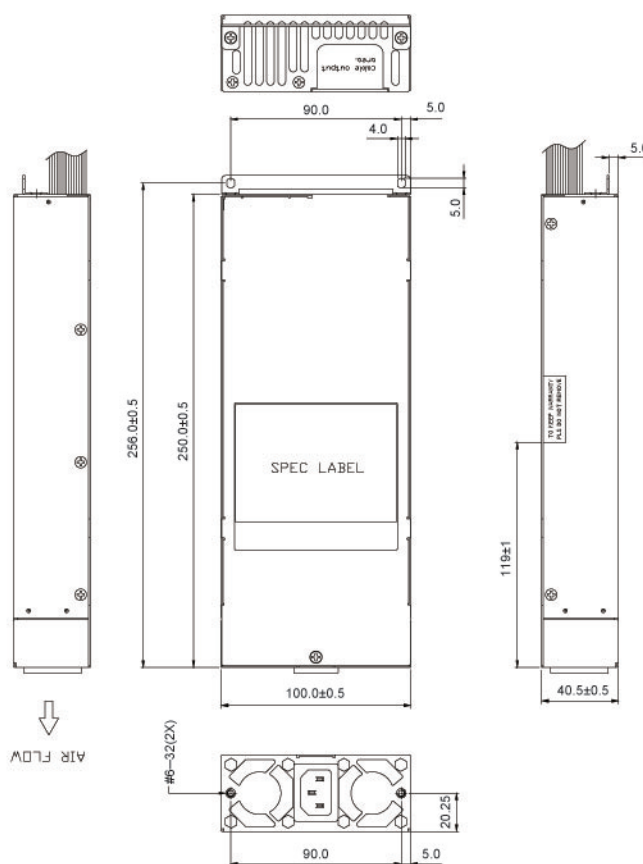
Features

- **Protections : Over current/Over Voltage/Over Temperature**
- **Active Power Factor Correction**
- **Low Noise (w/Fan speed control)**



Specifications

Total Output	500W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	7A max at 110V , 3.5A max at 220V
Inrush Current	100A max at 90V - 264V
Power Factor	> 0.99 / 115V 60Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 27.5A ~ 37.5A +5V : 30.8A ~ 42A +12V : 38.5A ~ 52.5A
Over Voltage Protection	+3.3V : 4.3V max. +5V : 6.5V max. +12V : 15.5V max.
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 85\%$ at Max load of 115 ~ 230VAC
Power Density	8.09 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	100.0 (W) x 40.5 (H) X 250.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90% RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	25 A	+3.3V & +5V combined power $\leq 150W$ +3.3V, +5V, +12V, -12V & +5VSB combined power $\leq 500W$	50mV p-p
+5 V	1.0 A	28 A		50mV p-p
+12 V	1.0 A	35 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0 A	2 A		50mV p-p

1U Single | YM-5501ExR



80 PLUS



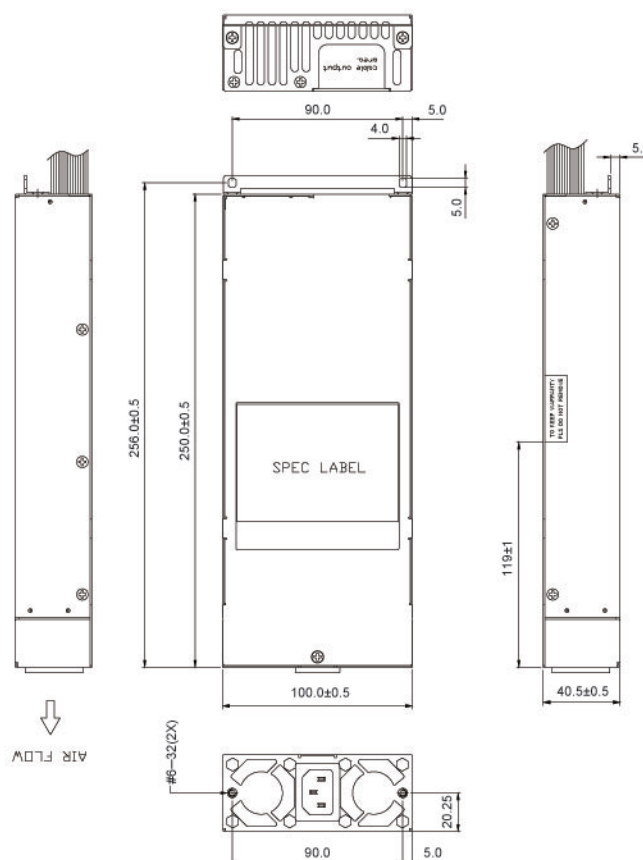
Features

- Protections : Over current/Over Voltage/Over Temperature
- Active Power Factor Correction
- Low Noise (w/Fan speed control)



Specifications

Total Output	500W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	7A max at 110V , 3.5A max at 220V
Inrush Current	100A at 90V - 264V
Power Factor	> 0.99 / 115V 60Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 27.5A ~ 37.5A +5V : 30.8A ~ 42A +12V : 44A ~ 60A
Over Voltage Protection	+3.3V : 4.3V max. +5V : 6.5V max. +12V : 15.5V max.
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 85\%$ at Max load of 115 ~ 230VAC
Power Density	8.09 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	100.0 (W) x 40.5 (H) X 250.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90% RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	25 A	+3.3 V & +5 V combined power ≤ 150 W	50mV p-p
+5 V	1.0 A	28 A		50mV p-p
+12 V	1.0 A	40 A		120mV p-p
-12 V	0 A	0.5 A	+3.3 V, +5 V, +12 V, -12 V & +5 VSB combined power ≤ 500 W	120mV p-p
+5 VSB	0 A	4 A		50mV p-p

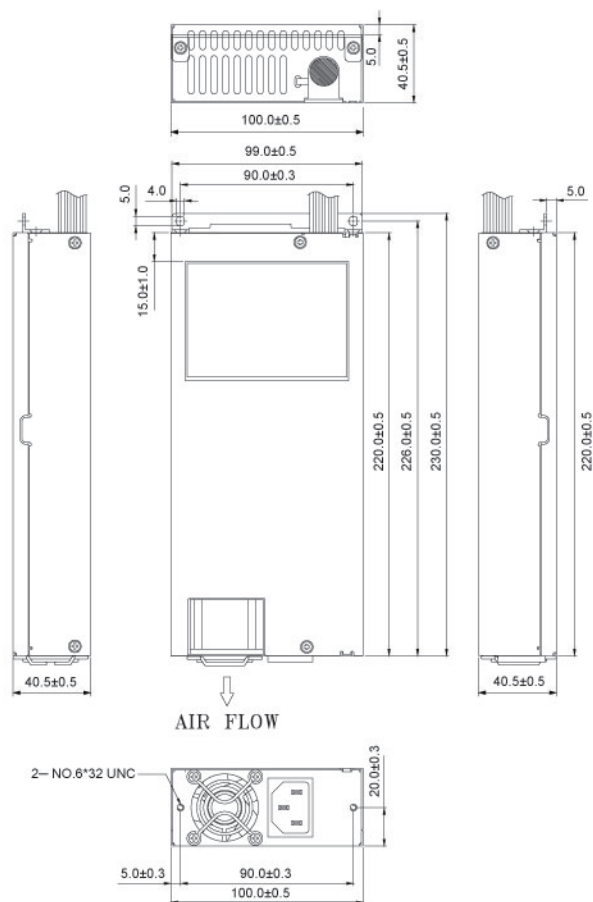


Features

- Protections : Over current/Over Voltage/Over Temperature
- Active Power Factor Correction
- Low Noise (w/Fan speed control)

Specifications

Total Output	500W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	8.0A max at 115V , 4.0A max at 230V
Inrush Current	40A max at 115V , 80 A max at 230V
Power Factor	> 0.99 / 115V 60Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 25A ~ 45A +5V : 25A ~ 45A +12V : 46A ~ 57A
Over Voltage Protection	+3.3V : 3.5V ~ 4.5V +5V : 5.5V ~ 6.82V +12V : 13.4V ~ 15.6V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 87\%$ at Max load of 115 ~ 230VAC
Power Density	9.20 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	100.0 (W) x 40.5 (H) X 220.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	85% RH, Non-condensing
Storage Temperature	-20 °C to +80 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.1 A	20 A	+3.3 V & +5 V combined power ≤ 130 W	50mV p-p
+5 V	0.1 A	20 A		50mV p-p
+12 V	1.0 A	40 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0 A	3.5 A		50mV p-p

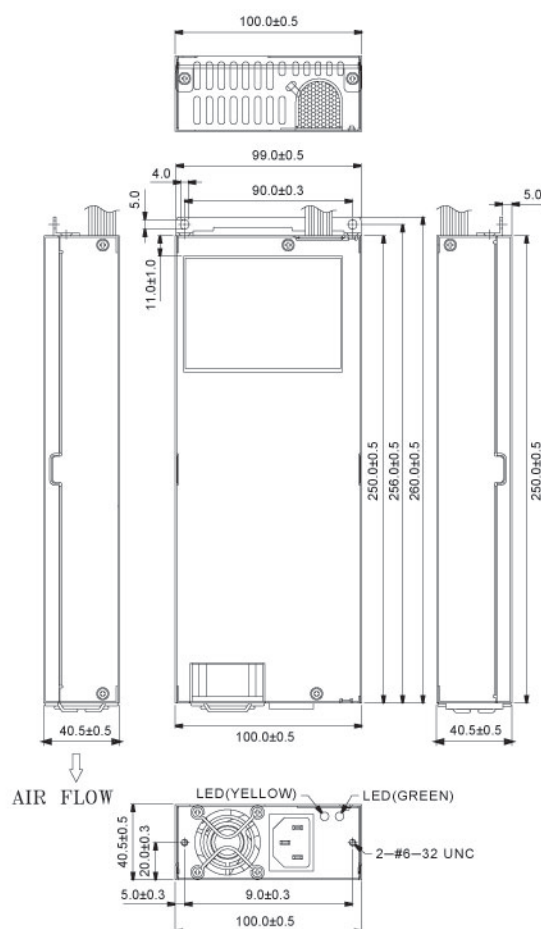


Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PMBus
- Front panel LED to Indicate Power Status

Specifications

Total Output	500W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	8.0A max at 115V, 4.0A max at 230V
Inrush Current	40A max at 115V, 80A max at 230V
Power Factor	> 0.99 / 115V 60Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 25A ~ 45A +5V : 25A ~ 45A +12V : 46A ~ 57A
Over Voltage Protection	+3.3V : 3.5V ~ 4.5V +5V : 5.5V ~ 6.82V +12V : 13.4V ~ 15.6V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 87\%$ at Max load of 115 ~ 230VAC
Power Density	8.09 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	100.0 (W) x 40.5 (H) X 250.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	85% RH, Non-condensing
Storage Temperature	-20 °C to +80 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.1 A	20 A	+3.3 V & +5 V combined power ≤ 130 W	50mV p-p
+5 V	0.1 A	20A		50mV p-p
+12 V	1.0 A	40 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0 A	3.5 A		50mV p-p

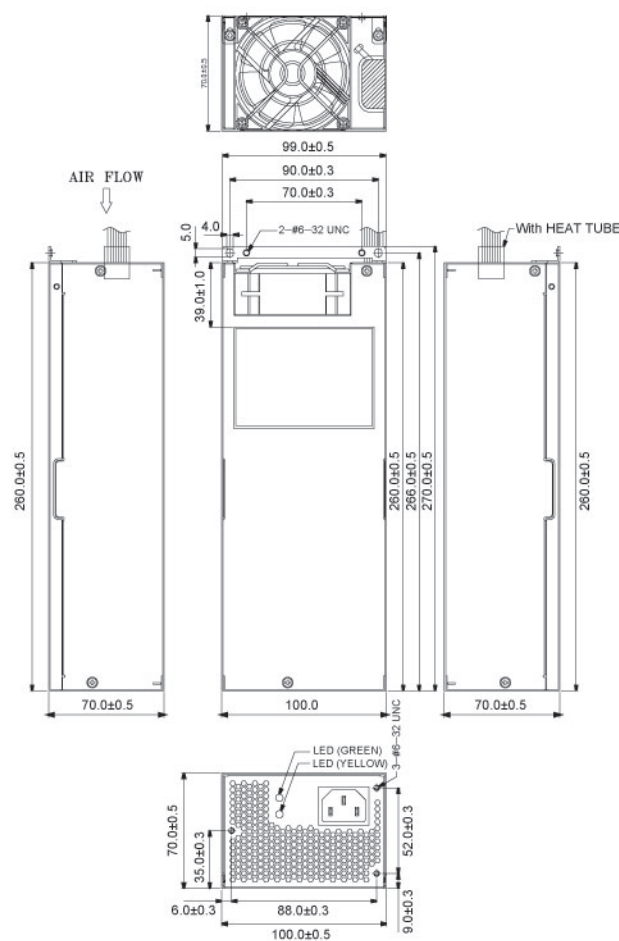


Features

- **Protections : Over current/Over Voltage/Over Temperature**
- **Front panel LED to Indicate Power Status**
- **Active Power Factor Correction**

Specifications

Total Output	500W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	8A max at 115V, 4A max at 230V
Inrush Current	40A max at 115V, 80A max at 230V
Power Factor	> 0.99 / 115V 60Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 25A ~ 45A +5V : 25A ~ 45A +12V : 46A ~ 57A
Over Voltage Protection	+3.3V : 3.5V ~ 4.5V +5V : 5.5V ~ 6.82V +12V : 13.4V ~ 15.6V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 90\%$ at Max load of 115 ~ 230VAC
Power Density	4.50 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	100.0 (W) x 70.0 (H) X 260.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	85% RH, Non-condensing
Storage Temperature	-20 °C to +80 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.1 A	20 A	+3.3V & +5V combined power $\leq 130W$ +3.3V, +5V, +12V, -12V & +5VSB combined power $\leq 500W$	50mV p-p
+5 V	0.1 A	20 A		50mV p-p
+12 V	1.0 A	40 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0 A	3.5 A		50mV p-p

2U Single | YM-7501BxR



80 PLUS



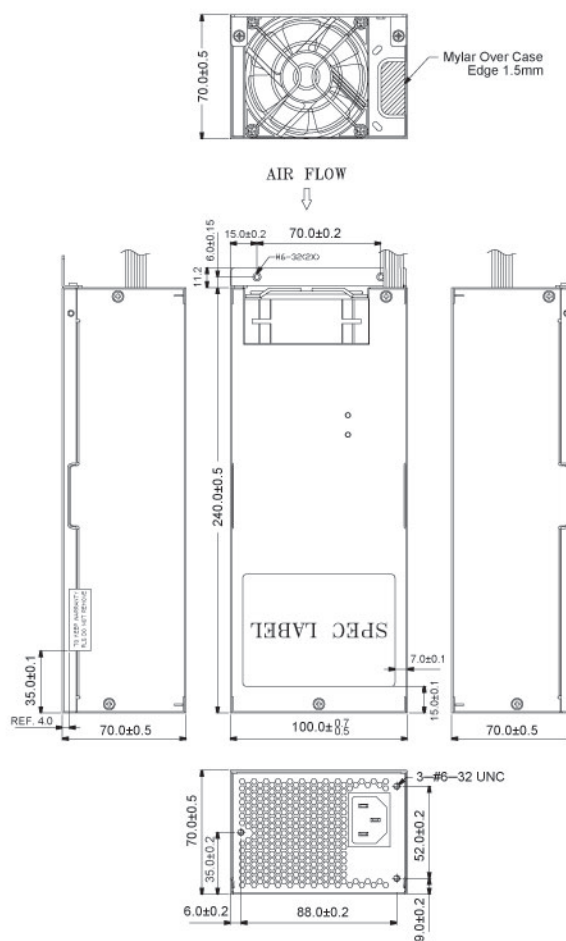
Features

- **Protections : Over current/Over Voltage/Over Temperature**
- **Active Power Factor Correction**
- **Tylerburg compliant**



Specifications

Total Output	500W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	10A max at 115V , 5A max at 230V
Inrush Current	115V / 230V, No damage
Power Factor	> 0.98 / 115V 60Hz , > 0.93 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 26.4A ~ 36A +5V : 22A ~ 30A +12V1-3 : 16.5A ~ 22.5A
Over Voltage Protection	+3.3V : 3.5V ~ 4.5V +5V : 5.5V ~ 6.82V +12V : 13.4V ~ 15.6V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 85\%$ at Max load of 115 ~ 230VAC
Power Density	4.88 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	100.0 (W) x 70.0 (H) X 240.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	85% RH, Non-condensing
Storage Temperature	-20 °C to +80 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	4 A	+3.3V & +5V combined power $\leq 150W$	50mV p-p
+5 V	0.5 A	20 A		50mV p-p
+12 V1	1 A	15 A		120mV p-p
+12V2	1 A	15 A	+12V1-3 combined power $\leq 35A$	120mV p-p
+12V3	1 A	15 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
-5V	0 A	0.3 A	+3.3V, +5V & +12V1~3 combined power $\leq 500W$	100mV p-p
+5 VSB	0 A	2.5 A		50mV p-p



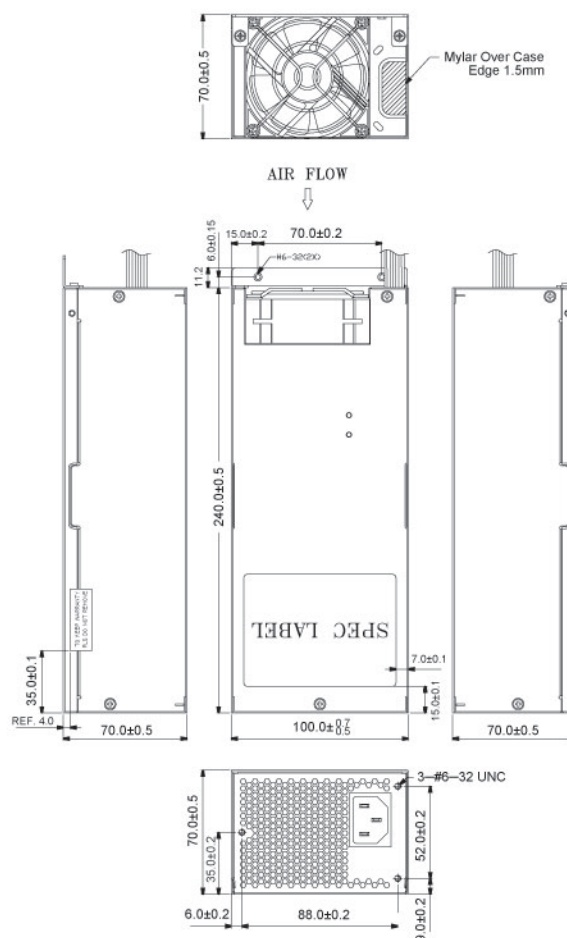
Features

- **Protections : Over current/Over Voltage/Over Temperature**
- **Active Power Factor Correction**
- **Tylerburg compliant**



Specifications

Total Output	600W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	10A max at 115V, 5A max at 230V
Inrush Current	115V / 230V, No damage
Power Factor	> 0.98 / 115 V 60Hz , > 0.93 / 230 V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 26.4A ~ 36A +5V : 26.4A ~ 36A +12V : 52.8A ~ 72A
Over Voltage Protection	+3.3V : 3.5V ~ 4.5V +5V : 5.5V ~ 6.82V +12V : 13.4V ~ 15.6V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	5.85 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	100.0 (W) x 70.0 (H) X 240.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	85% RH, Non-condensing
Storage Temperature	-20 °C to +80 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	24 A	+3.3 V & +5 V combined power ≤ 150 W +12V combined ≤ 48 A +3.3 V, +5 V, -5V, +12 V & 5VSB combined power ≤ 600 W	50mV p-p
+5 V	0.5 A	24 A		50mV p-p
+12 V	3.0 A	48 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
-5V	0 A	0.3 A		100mV p-p
+5 VSB	0 A	2.5 A		50mV p-p

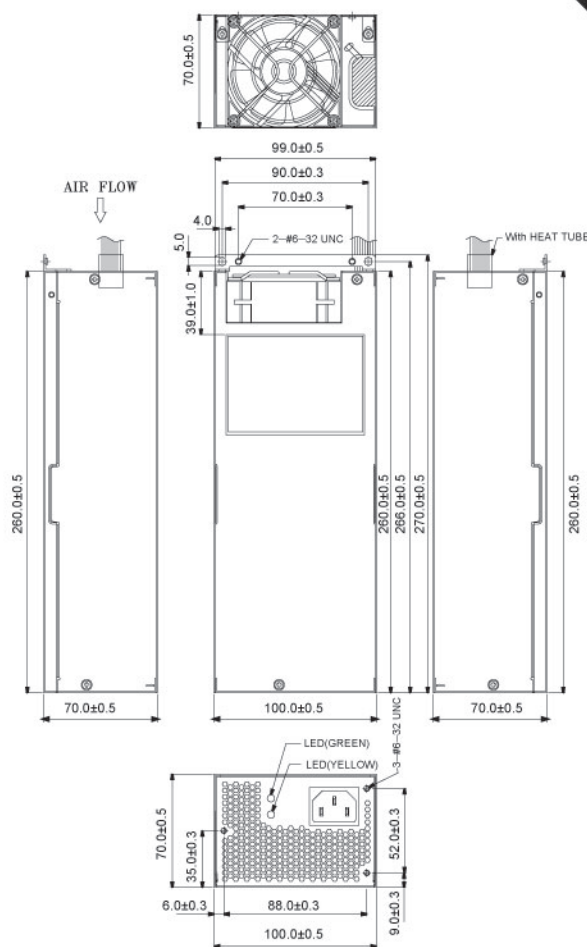


Features

- **Protections : Over current/Over Voltage/Over Temperature**
- **Front panel LED to Indicate Power Status**
- **Low Noise (w/Fan speed control)**

Specifications

Total Output	600W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	10A max at 115V, 5A max at 230V
Inrush Current	40A max at 115V, 80A max at 230V
Power Factor	> 0.99 / 115V 60Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 28A ~ 42A +5V : 28A ~ 42A +12V1-4 : 18A ~ 22A
Over Voltage Protection	+3.3V : 3.5V ~ 4.5V +5V : 5.5V ~ 6.82V +12V1-4 : 13.4V ~ 15.6V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 90\%$ at Max load of 115 ~ 230VAC
Power Density	5.40 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	100.0 (W) x 70.0 (H) X 260.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	85% RH, Non-condensing
Storage Temperature	-20 °C to +80 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.1 A	25 A	+3.3 V & +5 V combined power ≤ 150 W +3.3 V, +5 V, +12 V1-4, -12 V & +5 VSB combined power ≤ 600 W	50mV p-p
+5 V	1.0 A	25 A		50mV p-p
+12 V1	1.0 A	16 A		120mV p-p
+12 V2	1.0 A	16 A		120mV p-p
+12 V3	1.0 A	16 A		120mV p-p
+12 V4	1.0 A	16 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0 A	4 A		50mV p-p

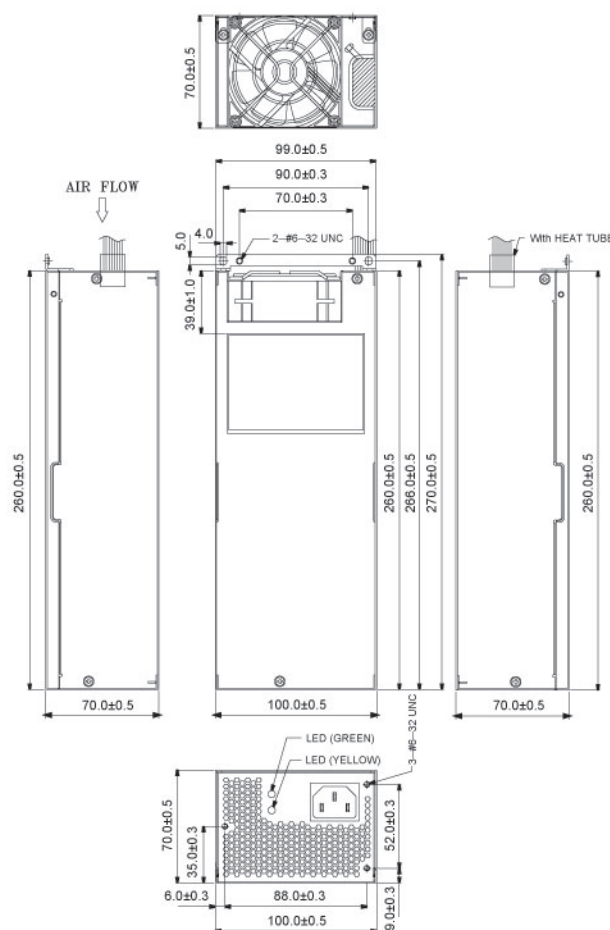


Features

- **Protections : Over current/Over Voltage/Over Temperature**
- **Front panel LED to Indicate Power Status**
- **Active Power Factor Correction**

Specifications

Total Output	750W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	12A max at 115V, 6A max at 230V
Inrush Current	40A max at 115V, 80A max at 230V
Power Factor	> 0.99 / 115V 60Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 35A ~ 42A +5V : 35A ~ 42A +12V : 65A ~ 75A
Over Voltage Protection	+3.3V : 3.5V ~ 4.5V +5V : 5.5V ~ 6.82V +12V : 13.4V ~ 15.6V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 90\%$ at Max load of 115 ~ 230VAC
Power Density	6.75 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	100.0 (W) x 70.0 (H) X 260.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	85% RH, Non-condensing
Storage Temperature	-20 °C to +80 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.1 A	30 A	+3.3 V & +5 V combined power ≤ 170 W	50mV p-p
+5 V	1.0 A	30 A		50mV p-p
+12 V	1.0 A	60 A	+3.3 V, +5 V, +12 V, -12 V & +5 VSB combined power ≤ 750 W	120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0 A	4 A		50mV p-p

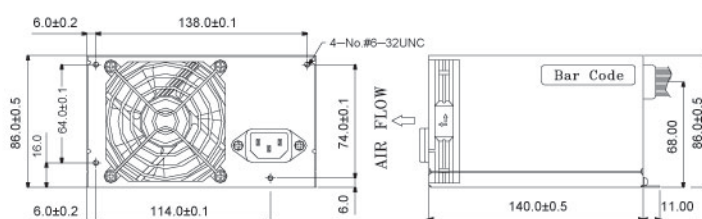
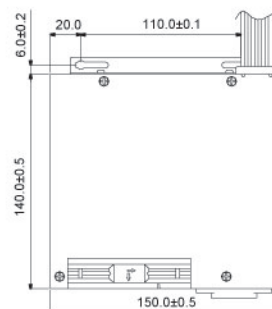
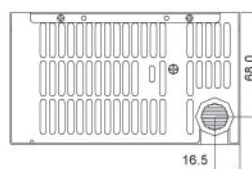


Features

- Protections : Over current/Over Voltage/Over Temperature
- Active Power Factor Correction
- Tyllersburg compliant

Specifications

Total Output	300W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	5.0A max at 115V, 2.5A max at 230V
Inrush Current	40A max at 115V, 80A max at 230V
Power Factor	> 0.99 / 115V 60Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 17 mS / 115 V
Over Current Protection	+3.3V : 35A max. +5V : 35A max. +12V1-2 : 20A max.
Over Voltage Protection	+3.3V : 3.76V ~ 4.5V +5V : 5.74V ~ 7.0V +12V : 13.4V ~ 15.6V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 90\%$ at Max load of 115 ~ 230VAC
Power Density	2.72 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	150.0 (W) x 86.0 (H) X 140.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	85% RH, Non-condensing
Storage Temperature	-20 °C to +80 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.1 A	15 A	+3.3V & +5V combined power $\leq 90W$	50mV p-p
+5 V	0.2 A	15 A		50mV p-p
+12 V1	0.1 A	16 A		120mV p-p
+12V2	0.5 A	16 A		120mV p-p
-12 V	0 A	0.4 A		120mV p-p
+5 VSB	0 A	3.0 A		50mV p-p

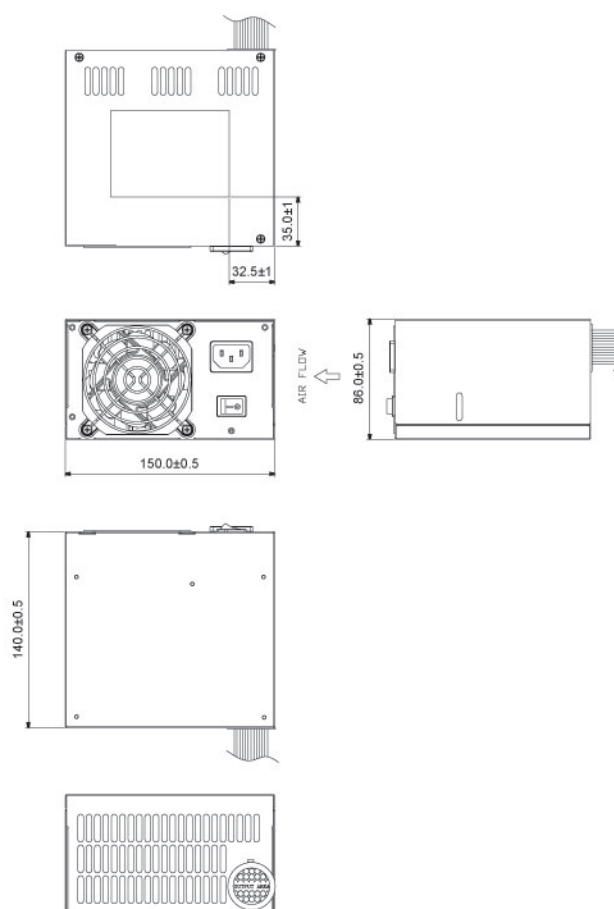


Features

- Protections : Over current/Over Voltage/Over Temperature
- Active Power Factor Correction
- Tylersburg compliant

Specifications

Total Output	500W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	7.5A max at 115V, 3.8A max at 230V
Inrush Current	115V / 230V, No damage
Power Factor	> 0.95 / 115 V 60Hz , > 0.90 / 230 V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 22A ~ 30A +5V : 30.8A ~ 42A +12V : 38.5A ~ 52.5A
Over Voltage Protection	+3.3V : 3.7V ~ 4.8V +5V : 5.6V ~ 7.0V +12V : 13.5V ~ 16.6V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 85\%$ at Max load of 115 ~ 230VAC
Power Density	4.54 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	150.0 (W) x 86.0 (H) X 140.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90% RH, Non-condensing
Storage Temperature	-20 °C to +80 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0 A	20 A	+3.3 V & +5 V combined power ≤ 150 W	50mV p-p
+5 V	0.3 A	28 A		50mV p-p
+12 V	1 A	35 A		120mV p-p
-12 V	0 A	0.5 A		200mV p-p
+5 VSB	0 A	2.0 A		50mV p-p



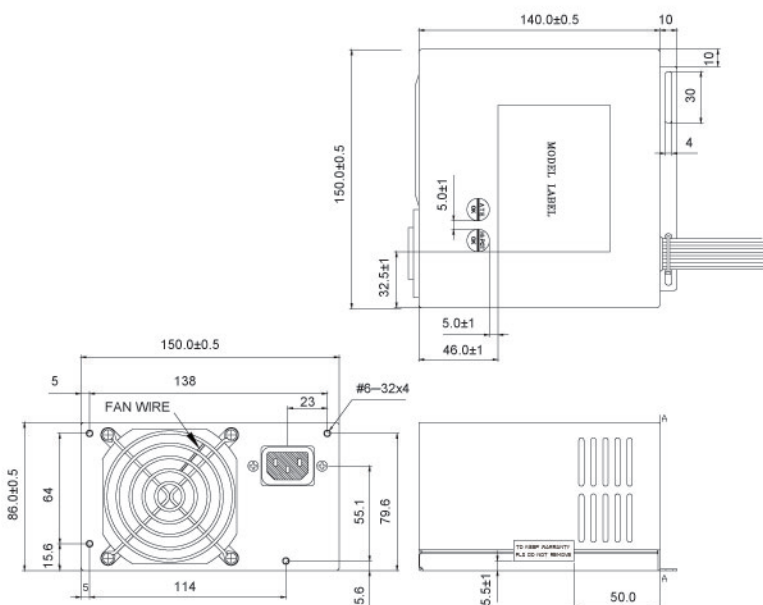
Features

- **Protections : Over current/Over Voltage/Over Temperature**
- **Active Power Factor Correction**
- **Power Fault Alarm Signals**



Specifications

Total Output	600W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	12A max at 115V , 6A max at 230V
Inrush Current	60A max at 115V, 150A max at 230V
Power Factor	> 0.98 / 115V 60Hz , > 0.93 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 26.4A ~ 36A +5V : 33A ~ 45A +12V1-2 : 13.2A ~ 18A +12V3-4 : 19.8A ~ 27A
Over Voltage Protection	+3.3V : 3.3V ~ 4V +5V : 5V ~ 6.2V +12V : 12V ~ 14.6V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 70\%$ at Max load of 115 ~ 230VAC
Power Density	5.44 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	150.0 (W) x 86.0 (H) X 140.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0 A	24 A	+3.3V & +5V combined power $\leq 160W$ +12V1-4 combined current $\leq 40A$	50mV p-p
+5 V	0 A	30 A		50mV p-p
+12 V1	1 A	12 A		120mV p-p
+12V2	1 A	12 A		120mV p-p
+12V3	0.5 A	18 A		120mV p-p
+12V4	0 A	18 A		120mV p-p
-12 V	0 A	1 A		120mV p-p
+5 VSB	0 A	3 A		50mV p-p



PS2

YM-8701AxR



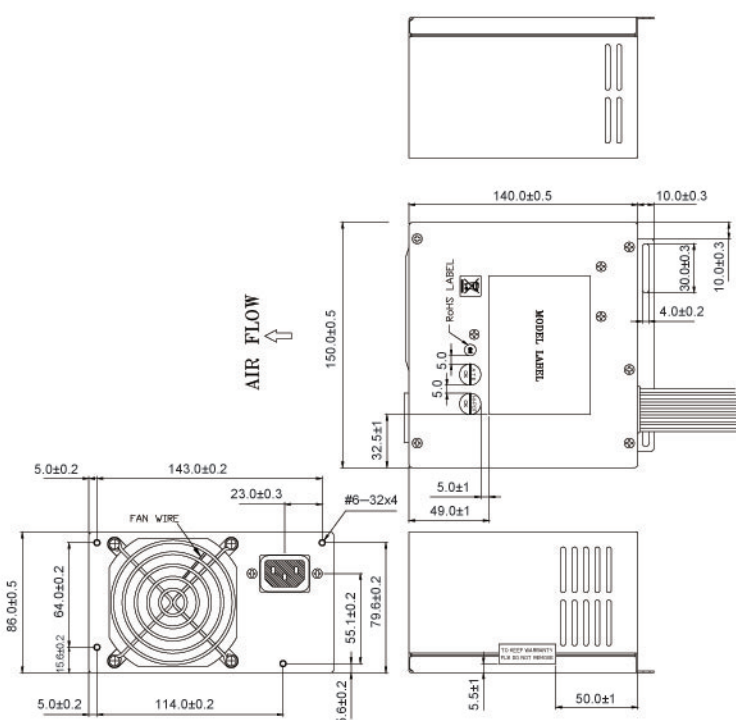
Features

- Protections : Over current/Over Voltage/Over Temperature
- Active Power Factor Correction
- Power Fault Alarm Signals



Specifications

Total Output	700W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	10A max at 115V , 6A max at 230V
Inrush Current	60A max at 115V, 120A max at 230V
Power Factor	> 0.98 / 115V 60Hz , > 0.93 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 17 mS / 115 V
Over Current Protection	+3.3V : 30.8A ~ 42A +5V : 33A ~ 45A +12V1-4 : 17.6A ~ 24A
Over Voltage Protection	+3.3V : 3.6V ~ 4.4V +5V : 5.58V ~ 6.82V +12V : 13.14V ~ 16.06V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 70\%$ at Max load of 115 ~ 230VAC
Power Density	6.35 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	150.0 (W) x 86.0 (H) X 140.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0 A	28 A	+3.3V & +5V combined power $\leq 170W$ +12V1-4 combined current $\leq 50A$	50mV p-p
+5 V	0 A	30 A		50mV p-p
+12 V1	0.5 A	16 A		120mV p-p
+12V2	0.5 A	16 A		120mV p-p
+12V3	1 A	16 A		120mV p-p
+12V4	0.5 A	16 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0.1 A	3.5 A		50mV p-p



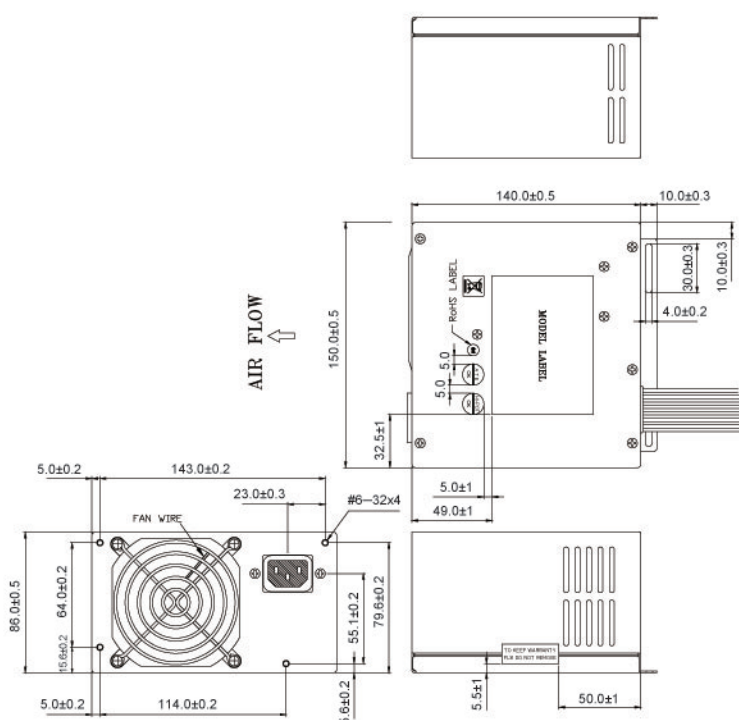
Features

- **Protections : Over current/Over Voltage/Over Temperature**
- **Active Power Factor Correction**
- **Power Fault Alarm Signals**



Specifications

Total Output	850W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	15A max at 115V, 7A max at 230V
Inrush Current	60A max at 115V, 120A max at 230V
Power Factor	> 0.98 / 115 V 60Hz , > 0.93 / 230 V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 17 mS / 115 V
Over Current Protection	+3.3V : 30.8A ~ 42A +5V : 33A ~ 45A +12V1-4 : 22A ~ 30A
Over Voltage Protection	+3.3V : 3.6V ~ 4.4V +5V : 5.58V ~ 6.82V +12V : 13.14V ~ 16.06V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 70\%$ at Max load of 115 ~ 230VAC
Power Density	7.71 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	150.0 (W) x 86.0 (H) X 140.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0 A	28 A	+3.3 V & +5 V combined power ≤ 150 W +12V1-4 combined current ≤ 66 A	50mV p-p
+5 V	0 A	30 A		50mV p-p
+12 V1	0.5 A	20 A		120mV p-p
+12V2	1 A	20 A		120mV p-p
+12V3	0.5 A	20 A		120mV p-p
+12V4	0.5 A	20 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0.1 A	3.5 A		50mV p-p



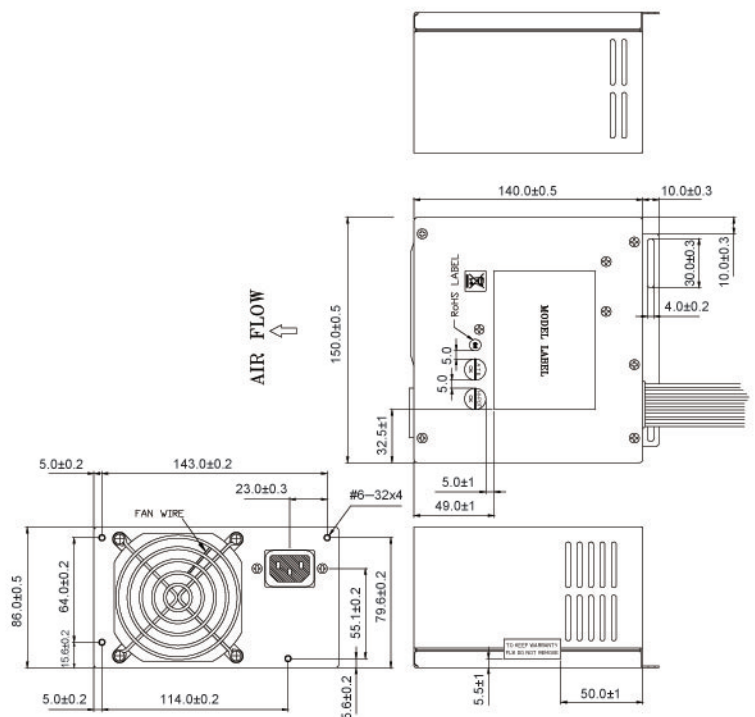
Features

- Protections : Over current/Over Voltage/Over Temperature
- Active Power Factor Correction
- Power Fault Alarm Signals



Specifications

Total Output	1000W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	15A max at 115V , 7A max at 230V
Inrush Current	75A max at 115V, 150A max at 230V
Power Factor	> 0.98 / 115V 60Hz , > 0.93 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 30.8A ~ 42A +5V : 33A ~ 45A +12V1-4 : 22A ~ 30A
Over Voltage Protection	+3.3V : 3.6V ~ 4.4V +5V : 5.58V ~ 6.82V +12V : 13.14V ~ 16.06V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 70\%$ at Max load of 115 ~ 230VAC
Power Density	9.07 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	150.0 (W) x 86.0 (H) X 140.0 (L) mm
Operating Temperature	0 to 25 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0 A	28 A	+3.3 V & +5 V combined power ≤ 170 W +12V1-4 combined current ≤ 70 A	50mV p-p
+5 V	0 A	30 A		50mV p-p
+12 V1	0.5 A	20 A		120mV p-p
+12V2	0.5 A	20 A		120mV p-p
+12V3	1 A	20 A		120mV p-p
+12V4	0.5 A	20 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0.1 A	3.5 A		50mV p-p



Redundant Module

YM-2151ExR

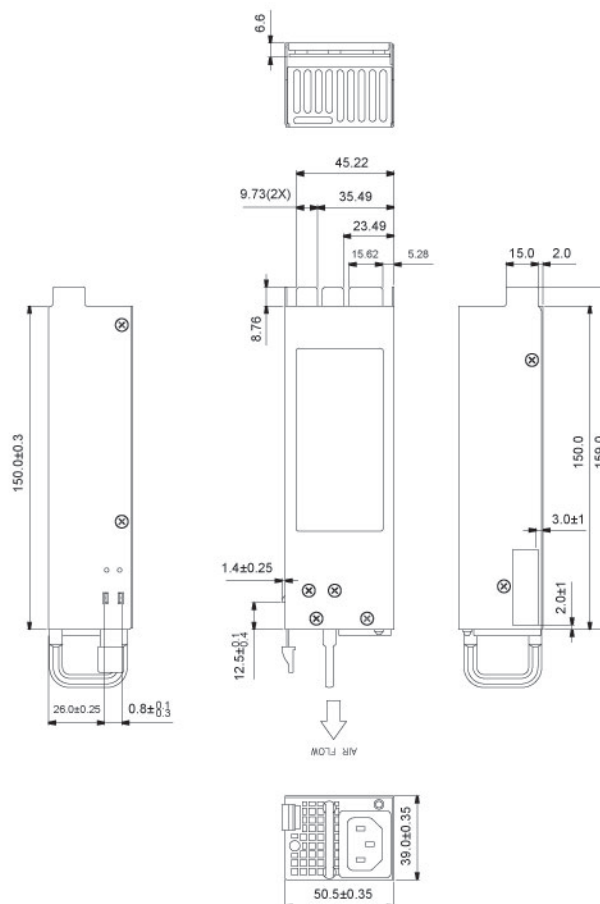


Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status

Specifications

Total Output	150W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	3.0A max at 115V, 1.5A max at 230V
Inrush Current	25A max at 90 - 264V
Power Factor	> 0.98 / 115V 60Hz , > 0.94 / 230V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+12V : 15A ~ 18.75A
Over Voltage Protection	+12V : 13.3V ~ 15.6V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 89\%$ at Mid load of 230VAC
Power Density	8.40 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	50.5 (W) x 39.0 (H) X 150.0 (L) mm
Operating Temperature	-5to 50 °C
Operating Humidity	85 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	0 A	12.5 A		120mV p-p
+12 VSB	0 A	3 A		50mV p-p



Redundant Module

YM-2301ExR

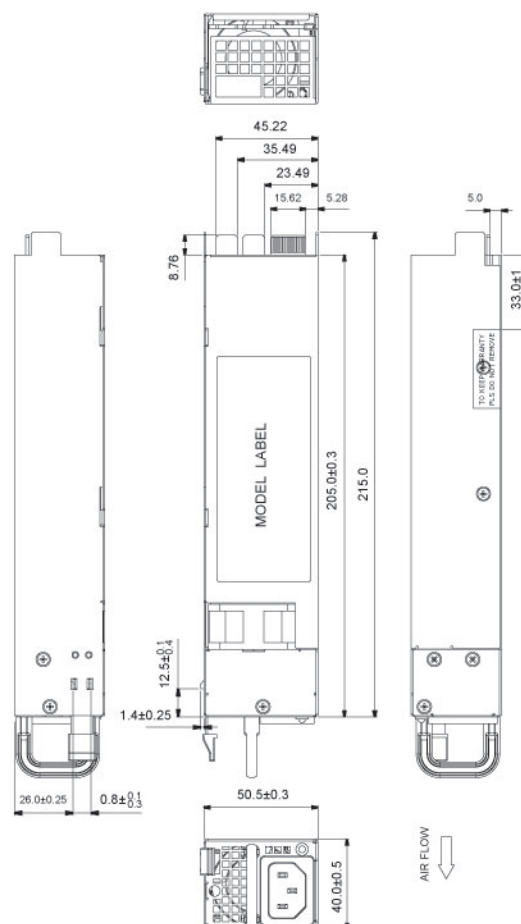


Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status

Specifications

Total Output	300W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	5.0A max at 115V, 3.0A max at 230V
Inrush Current	25A max at 90 - 264 VAC
Power Factor	> 0.98 / 115 V 60Hz , > 0.94 / 230 V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+12V : 36A max. +5VSB : 5A max.
Over Voltage Protection	+12V : 13.3V ~ 14.5V +5VSB : 5.7V ~ 6.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 89\%$ at Mid load of 230VAC
Power Density	11.87 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	50.5 (W) x 40.0 (H) X 205.0 (L) mm
Operating Temperature	-5 to 50 °C
Operating Humidity	85 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	0 A	24 A		120mV p-p
+5 VSB	0 A	3 A		50mV p-p



Redundant Module

YM-2301DxR

System Management
Interface Forum

PMBUS

80 PLUS
SILVER

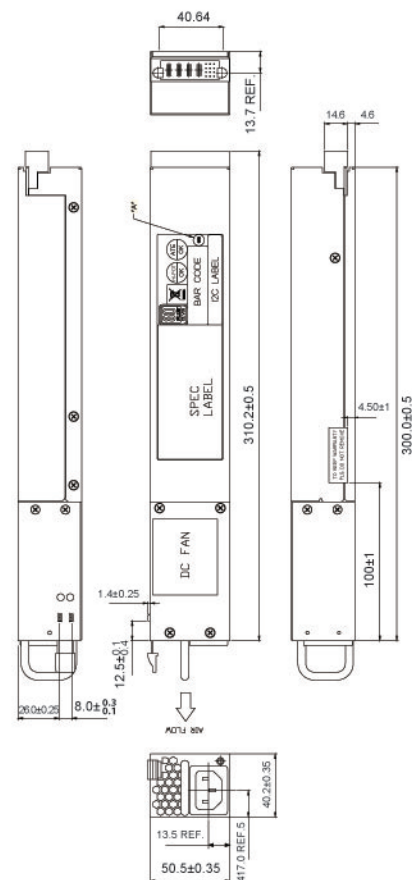
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



Specifications

Total Output	300W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	5A max at 115V, 2.5A max at 230V
Inrush Current	40A max at 115V, 60A max at 230V
Power Factor	> 0.98 / 115 V 60Hz , > 0.95 / 230 V 50Hz
Earth Leakage Current	1.50mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+12V : 27.5A ~ 37.5A
Over Voltage Protection	+12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 89\%$ at Mid load of 230VAC
Power Density	8.07 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	50.5 (W) x 40.2 (H) X 300.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	85 % RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	2.0 A	25 A		120mV p-p
+5 VSB	0.1 A	3 A		50mV p-p



Redundant Module

YM-2301PxR

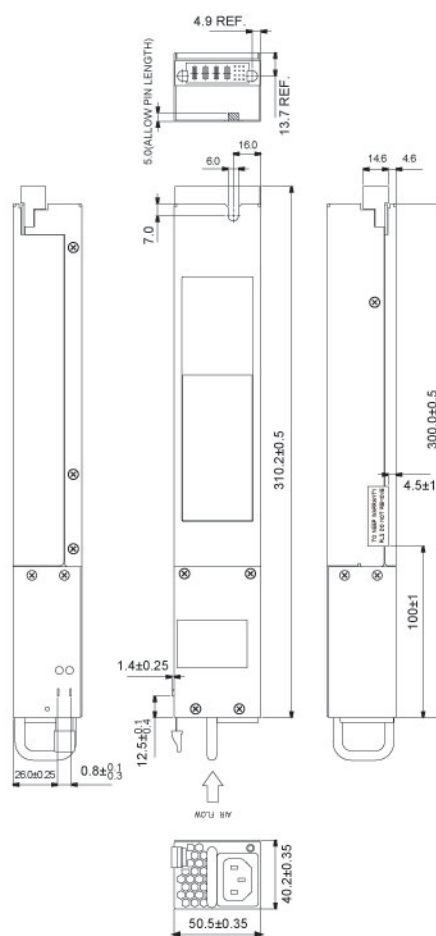


Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status

Specifications

Total Output	300W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	5A max at 115V, 2.5A max at 230V
Inrush Current	40A max at 115V, 60A max at 230V
Power Factor	> 0.98 / 115V 60Hz , > 0.94 / 230V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+12V : 27.5A ~ 37.5A
Over Voltage Protection	+12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 92\%$ at Mid load of 230VAC
Power Density	8.07 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	50.5 (W) x 40.2 (H) X 300.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	85 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	2 A	25 A		120mV p-p
+12 VSB	0.1 A	3 A		50mV p-p



Redundant Module

YM-2301HxR



High Efficiency

80 PLUS

Features

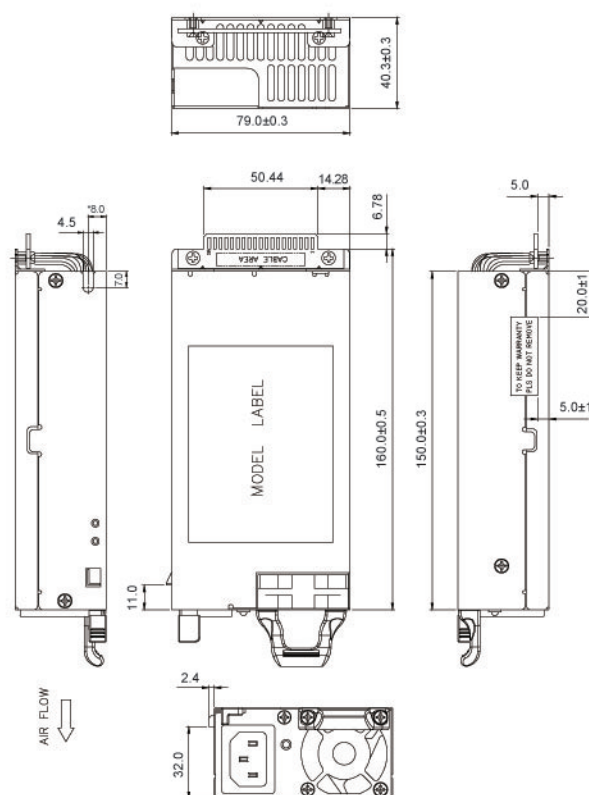
- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



Tested To Comply
With FCC Standards
FOR HOME OR OFFICE USE

Specifications

Total Output	300W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	5A max at 115V, 2.5A max at 230V
Inrush Current	80A max at 115V, 150A max at 230V
Power Factor	> 0.98 / 115 V 60Hz , > 0.94 / 230 V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 17 mS / 115 V
Over Current Protection	+12V : 26.4A ~ 36A
Over Voltage Protection	+12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 85\%$ at Mid load of 230VAC
Power Density	10.29 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	79.0 (W) x 40.3 (H) X 150.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



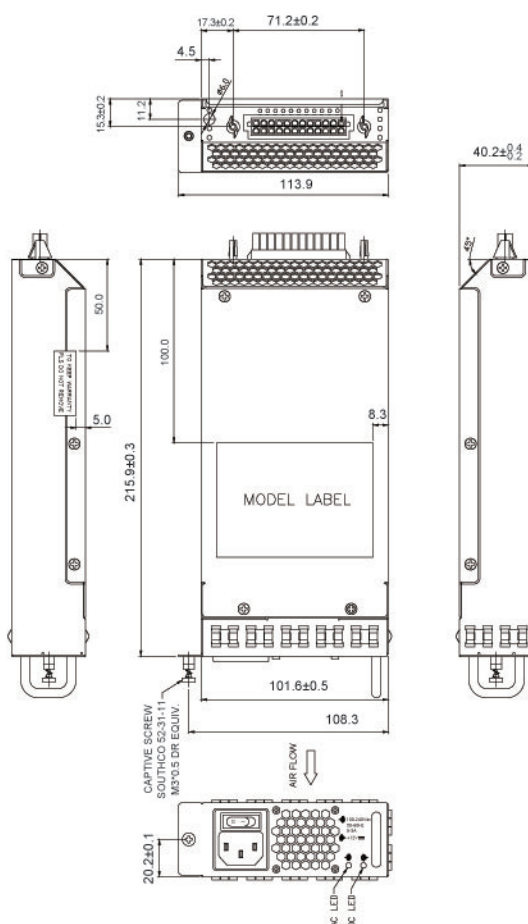
Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	0.5 A	24 A		120mV p-p
+5 VSB	0.1 A	4 A		50mV p-p



- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



Total Output	300W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	5A max at 115V , 3A max at 230V
Inrush Current	40A max at 115V, 40A max at 230V
Power Factor	> 0.98 / 115V 60Hz , > 0.93 / 230V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 20 mS / 115 V
Over Current Protection	+12V : 27.5A ~ 37.5A
Over Voltage Protection	+12V : 13.8V ~ 15.6V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	5.58 W/in3
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	101.6 (W) x 40.2 (H) X 215.9 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 % , Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	0 A	25 A	+12 V & +12 VSB	120mV p-p
+12 VSB	0 A	0.7 A	Combined power ≤ 300 W	120mV p-p



Redundant Module

YM-2301GxR

System Management
Interface Forum

High Efficiency



Features

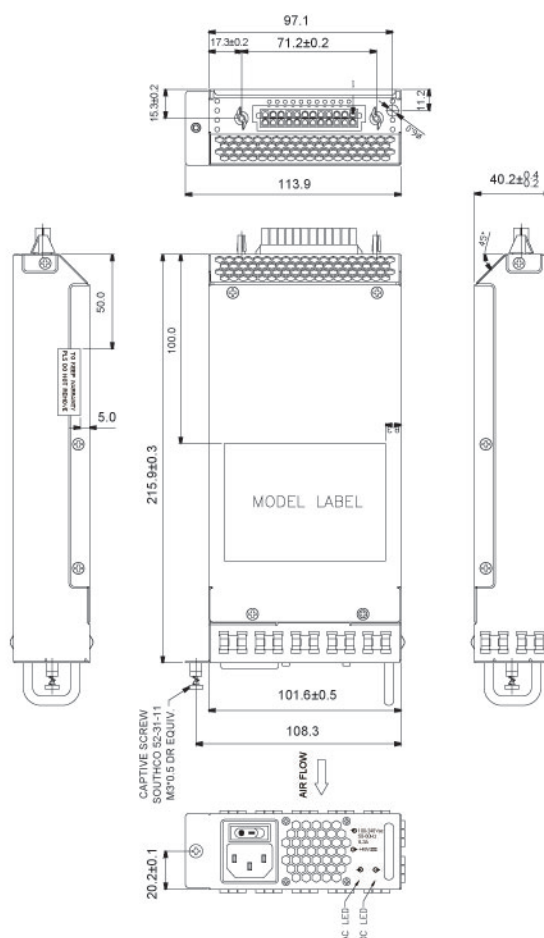
- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



CB

Specifications

Total Output	300W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	5A max at 115V, 3A max at 230V
Inrush Current	40A max at 115V, 40A max at 230V
Power Factor	> 0.98 / 115 V 60Hz , > 0.93 / 230 V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 20 mS / 115 V
Over Current Protection	+48V : 6.88A ~ 9.38A
Over Voltage Protection	+48V : 55.2V ~ 62.4V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	5.58 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	101.6 (W) x 40.2 (H) X 215.9 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+48V	0 A	6.25 A	+12 V & +12 VSB	120mV p-p
+12 VSB	0 A	0.7 A	Combined power ≤ 300 W	120mV p-p



Redundant Module

YM-2401CxR

System Management
Interface Forum

High Efficiency



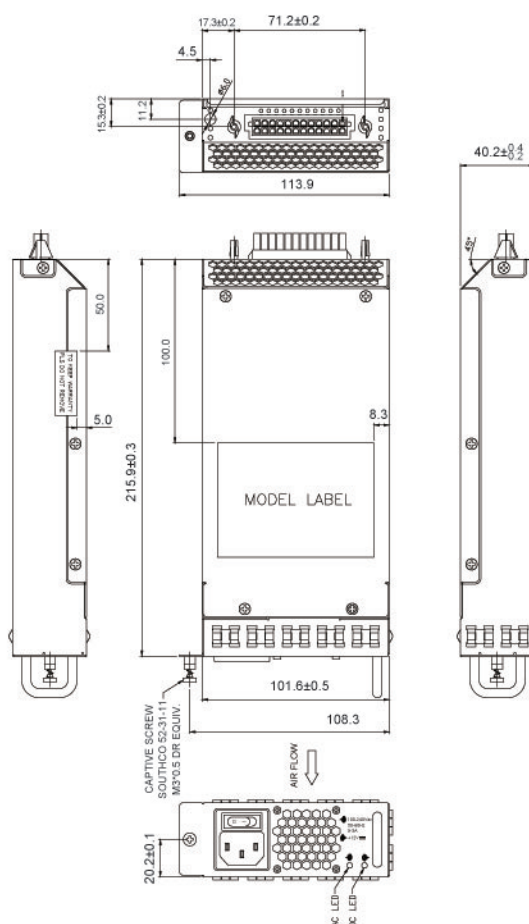
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



Specifications

Total Output	400W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	6A max at 115V , 3A max at 230V
Inrush Current	40A max at 115V, 40A max at 230V
Power Factor	> 0.98 / 115V 60Hz , > 0.93 / 230V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 20 mS / 115 V
Over Current Protection	+12V : 36.3A ~ 49.5A
Over Voltage Protection	+12V : 13.8V ~ 15.6V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	7.43 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	101.6 (W) x 40.2 (H) X 215.9 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 % , Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	0 A	33 A	+12 V & +12 VSB	120mV p-p
+12 VSB	0 A	0.7 A	Combined power ≤ 400 W	120mV p-p



Redundant Module

YM-2401DxR

System Management
Interface Forum

High Efficiency



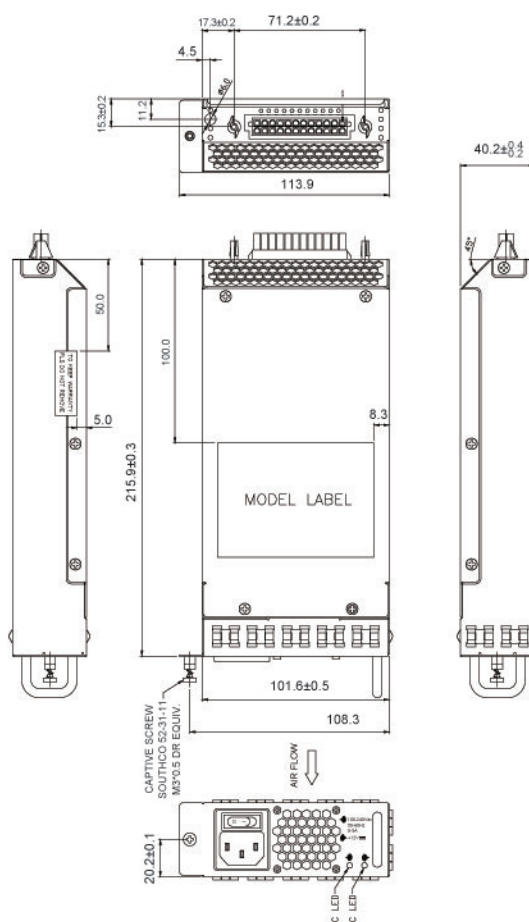
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



Specifications

Total Output	400W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	6A max at 115V, 3A max at 230V
Inrush Current	40A max at 115V, 40A max at 230V
Power Factor	> 0.98 / 115V 60Hz , > 0.93 / 230V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 20 mS / 115 V
Over Current Protection	+24V : 18.15A ~ 24.75A
Over Voltage Protection	+24V : 27.6V ~ 31.2V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	7.43 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	101.6 (W) x 40.2 (H) X 215.9 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+24V	0 A	16.5 A	+24 V & +12 VSB	240mV p-p
+12 VSB	0 A	0.7 A	Combined power ≤ 300 W	120mV p-p



Redundant Module

YM-2401BxR

System Management
Interface Forum

High Efficiency



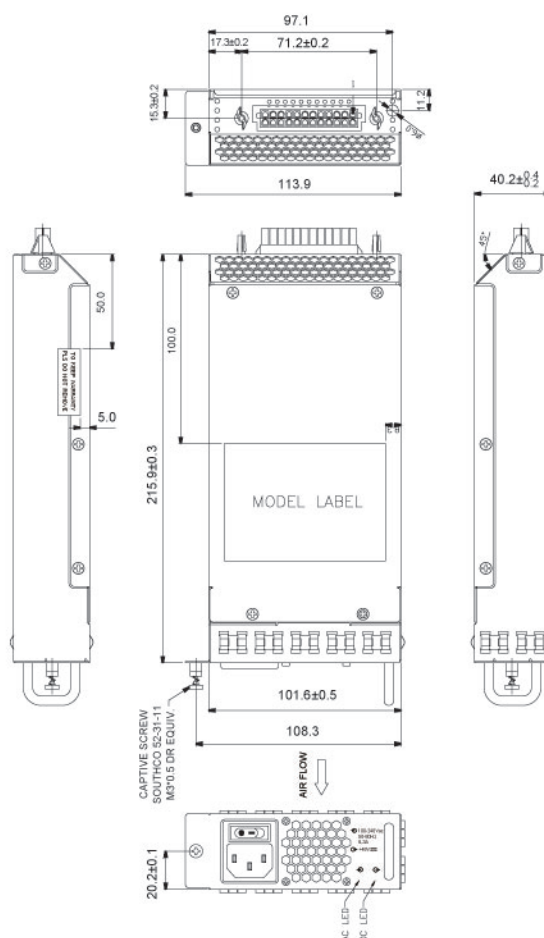
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



Specifications

Total Output	400W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	6A max at 115V , 3A max at 230V
Inrush Current	40A max at 115V, 40A max at 230V
Power Factor	> 0.98 / 115V 60Hz , > 0.93 / 230V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 20 mS / 115 V
Over Current Protection	+48V : 9.13A ~ 12.45A
Over Voltage Protection	+48V : 55.2V ~ 62.4V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	7.43 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	101.6 (W) x 40.2 (H) X 215.9 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+48V	0 A	8.3 A	+48 V & +12 VSB	240mV p-p
+12 VSB	0 A	0.7 A	Combined power ≤ 400 W	120mV p-p



Redundant Module

YM-2451CxR

PSMI
System Management
Interface Forum

PMBUS

80 PLUS
SILVER

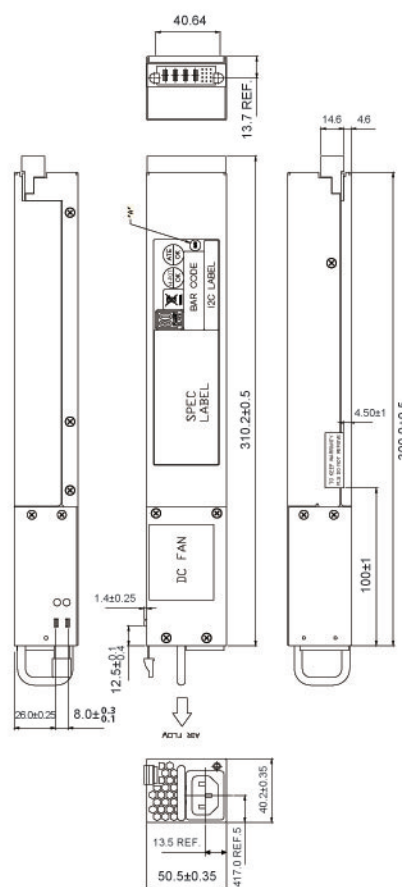
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



Specifications

Total Output	450W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	8A max at 115V , 4A max at 230V
Inrush Current	60A max at 264V
Power Factor	> 0.98 / 115V 60Hz , > 0.94 / 230V 50Hz
Earth Leakage Current	1.50mA max at 264VAC / 50Hz
Hold Up Time	> 20 mS / 115 V
Over Current Protection	+12V : 40.7A ~ 55.5A
Over Voltage Protection	+12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 89\%$ at Mid load of 230VAC
Power Density	12.11 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	50.5 (W) x 40.2 (H) X 300.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	85 % RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	2 A	37 A		120mV p-p
+5 VSB	0 A	3 A		50mV p-p



Redundant Module

YM-2451CGR

System Management
Interface Forum

PMBUS



80 PLUS



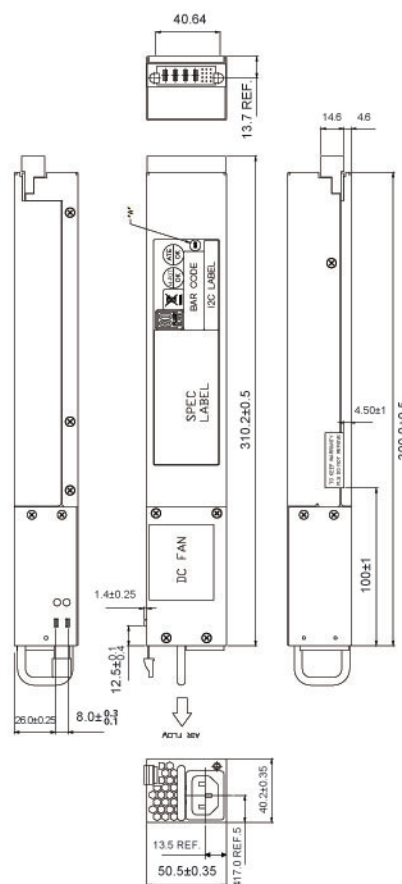
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



Specifications

Total Output	450W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	8A max at 115V , 4A max at 230V
Inrush Current	60A max at 264V
Power Factor	> 0.98 / 115V 60Hz , > 0.95 / 230V 50Hz
Earth Leakage Current	1.50mA max at 264VAC / 50Hz
Hold Up Time	> 12 mS / 115 V
Over Current Protection	+12V : 40.7A ~ 55.5A
Over Voltage Protection	+12V : 13.3V ~ 14.5V +5VSB : 5.7V ~ 6.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 92\%$ at Mid load of 230VAC
Power Density	12.11 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	50.5 (W) x 40.2 (H) X 300.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	95 % RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	2 A	37 A		120mV p-p
+5 VSB	0 A	3 A		50mV p-p



Redundant Module

YM-6451CxR



High Efficiency

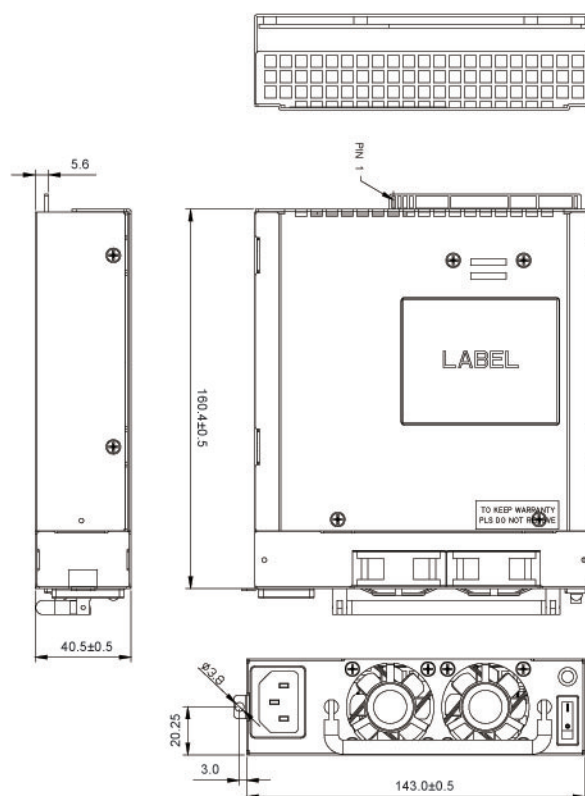
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



Specifications

Total Output	450W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	8A max at 110V , 4A max at 220V
Inrush Current	50A max at 110V, 60A max at 220V
Power Factor	> 0.95 / 110V 60Hz , > 0.90 / 220V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	The power supply holdup time requirements to 100% of maximum load.
Over Current Protection	+3.3V : 22A ~ 30A +5V : 27.5A ~ 37.5A +12V : 38.5A ~ 52.5A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	7.94 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	143.0 (W) x 40.5 (H) X 160.4 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-20 °C to +80 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	20 A	+3.3 V & +5 V Combined power ≤ 150 W	50mV p-p
+5 V	0.3 A	25 A		50mV p-p
+12 V	1 A	35 A		120mV p-p
-12 V	0 A	0.8 A	+3.3 V, +5 V, +12 V, -12 V, -5 V & +5VSB Combined power ≤ 450 W	200mV p-p
-5 V	0 A	0.5 A		200mV p-p
+5 VSB	0 A	4 A		50mV p-p



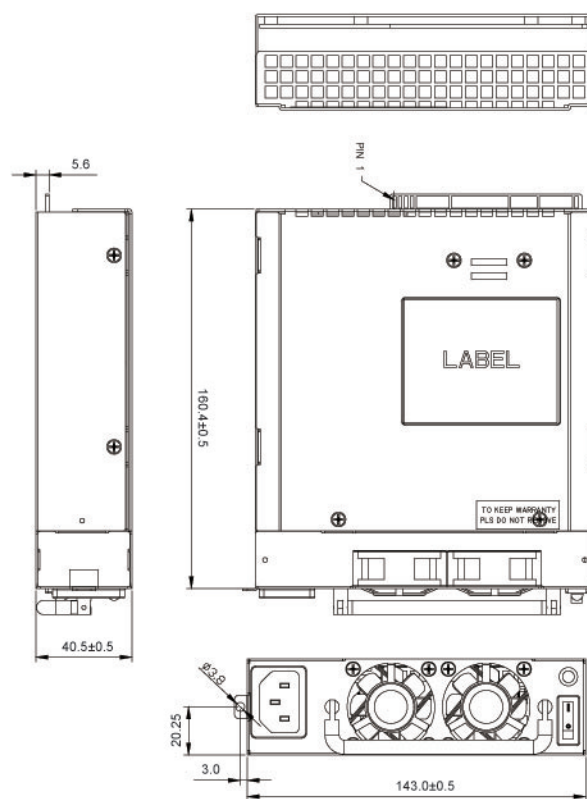
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



Specifications

Total Output	500W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	8A max at 110V , 4A max at 220V
Inrush Current	50A max at 110V, 60A max at 220V
Power Factor	> 0.95 / 100V 60Hz , > 0.90 / 220V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	The power supply holdup time requirements to 100% of maximum load.
Over Current Protection	+3.3V : 22A ~ 30A +5V : 27.5A ~ 37.5A +12V : 44A ~ 60A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	8.82 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	143.0 (W) x 40.5 (H) X 160.4 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-20 °C to +80 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	20 A	+3.3 V & +5 V Combined power ≤ 150 W	50mV p-p
+5 V	0.3 A	25 A		50mV p-p
+12 V	1 A	40 A		120mV p-p
-12 V	0 A	0.8 A	+3.3 V, +5 V, +12 V, -12 V, -5 V & +5VSB Combined power ≤ 500 W	200mV p-p
-5 V	0 A	0.5 A		200mV p-p
+5 VSB	0 A	4 A		50mV p-p



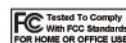
Redundant Module

YM-5501AxR



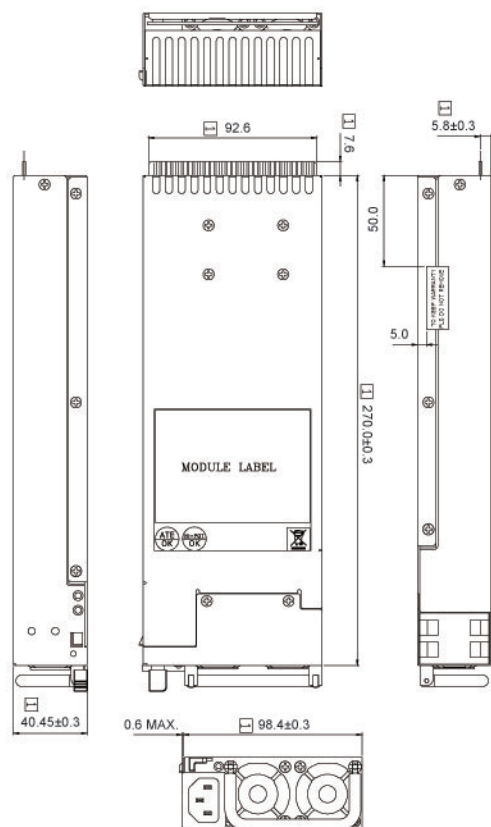
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



Specifications

Total Output	500W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	10A max at 120V , 5A max at 240V
Inrush Current	50A max at 120V, 100A max at 240V
Power Factor	> 0.95 / 115V 60Hz , > 0.93 / 230V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 20 mS / 115 V
Over Current Protection	+3.3V : 23.1A ~ 31.5V +5V : 33A ~ 45A +12V : 42.9A ~ 58.5A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 70\%$ at Max load of 115 ~ 230VAC
Power Density	7.61 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	98.4 (W) x 40.5 (H) X 270.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	21 A	+3.3 V & +5 V Combined power $\leq 160W$	50mV p-p
+5 V	0.5 A	30 A		50mV p-p
+12 V	0.3 A	39 A		120mV p-p
-12 V	0 A	1 A		120mV p-p
+5 VSB	0.1 A	2 A		50mV p-p



Redundant Module

YM-6521BxR



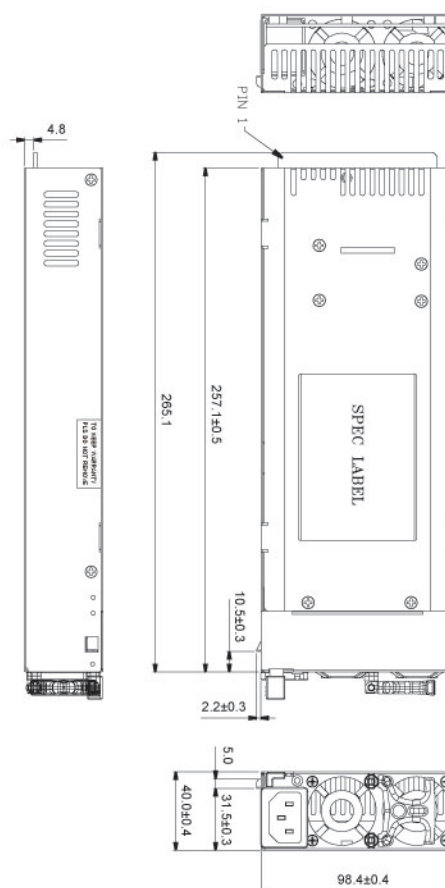
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



Specifications

Total Output	520W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	8.5A max at 115V , 4A max at 230V
Inrush Current	50A max at 115V, 60A max at 230V
Power Factor	> 0.98 / 115V 60Hz , > 0.94 / 230V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 26.4A ~ 36V +5V : 27.5A ~ 37.5A +12V : 38.5A ~ 52.5A
Over Voltage Protection	+3.3V : 4.5V max. +5V : 6.5V max. +12V : 14.5V max.
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 65\%$ at Max load of 115 ~ 230VAC
Power Density	9.38 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	98.4 (W) x 40.5 (H) X 228.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 85 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	24 A	Combined power $\leq 150W$	50mV p-p
+5 V	0.5 A	25 A		50mV p-p
+12 V	2 A	42 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0 A	4 A		50mV p-p



Redundant Module

YM-6621BxR



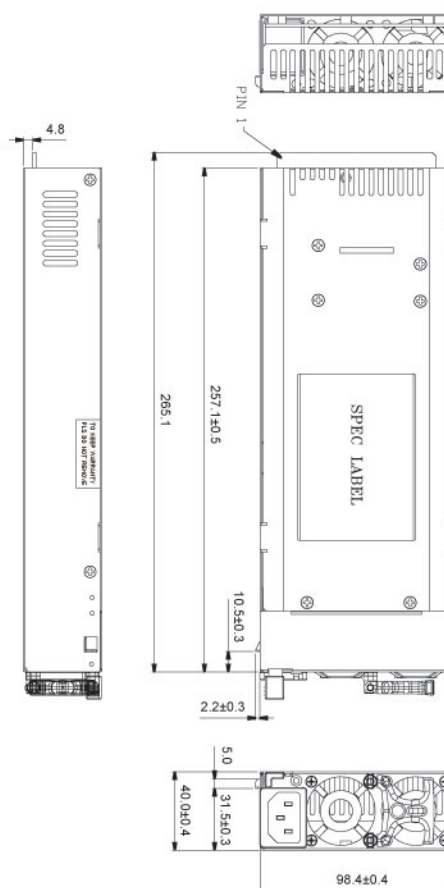
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



Specifications

Total Output	620W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	10A max at 115V , 5A max at 230V
Inrush Current	50A max at 115V, 60A max at 230V
Power Factor	> 0.98 / 115V 60Hz , > 0.94 / 230V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 27.5A ~ 37.5A +5V : 33A ~ 45A +12V : 52.8A ~ 72A
Over Voltage Protection	+3.3V : 4.5V max. +5V : 6.5V max. +12V : 14.5V max.
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 65\%$ at Max load of 115 ~ 230VAC
Power Density	11.18 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	98.4 (W) x 40.5 (H) X 228.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 85 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	25 A	+3.3 V & +5 V Combined power $\leq 150W$	50mV p-p
+5 V	0.5 A	30 A		50mV p-p
+12 V	2 A	48 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0 A	4 A		50mV p-p

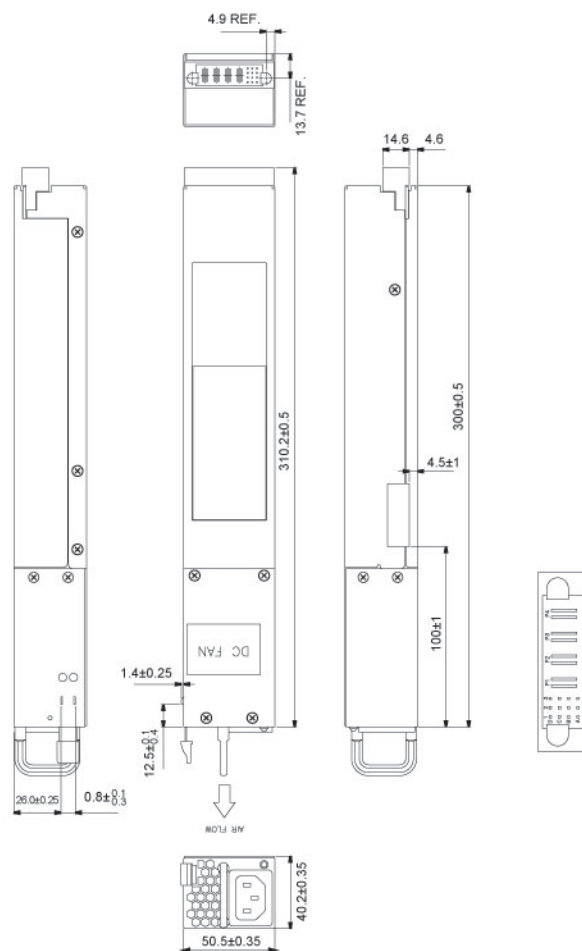


Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status

Specifications

Total Output	650W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	10A max at 115V, 5A max at 230V
Inrush Current	60A max at 90 - 264 VAC
Power Factor	> 0.98 / 115 V 60Hz , > 0.94 / 230 V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 12 mS / 115 V
Over Current Protection	+12V : 58.19A ~ 79.35A
Over Voltage Protection	+12V : 13.3V ~ 14.5V +5VSB : 5.7V ~ 6.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 94\%$ at Mid load of 230VAC
Power Density	17.49 W/in3
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	50.5 (W) x 40.2 (H) X 300.0 (L) mm
Operating Temperature	-5 to 50 °C
Operating Humidity	85 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	2 A	52.9 A		120mV p-p
+5 VSB	0 A	5.5 A		50mV p-p



Redundant Module

YM-2651BxR



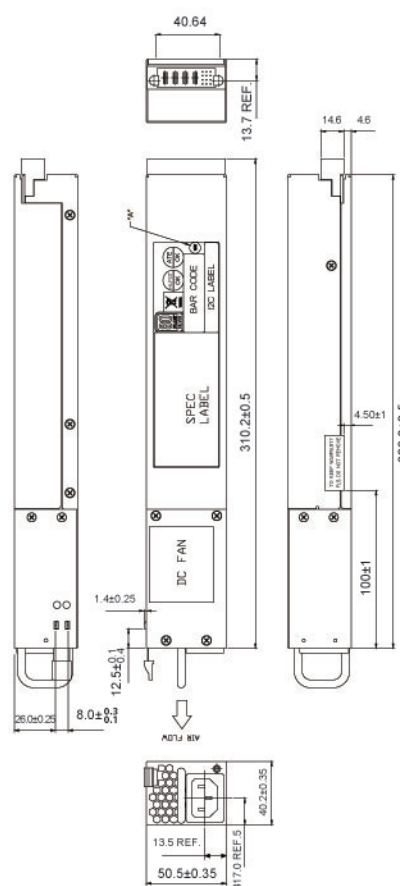
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



Specifications

Total Output	650W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	8A max at 115V, 4A max at 230V
Inrush Current	60A max at 264V
Power Factor	> 0.98 / 115 V 60Hz , > 0.94 / 230 V 50Hz
Earth Leakage Current	1.50mA max at 264VAC / 50Hz
Hold Up Time	> 11 mS / 115 V
Over Current Protection	+12V : 58.19A ~ 79.35A
Over Voltage Protection	+12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 92\%$ at Mid load of 230VAC
Power Density	17.49 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	50.5 (W) x 40.2 (H) X 300.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	85 % RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	2 A	52.9 A		150mV p-p
+5 VSB	0 A	3 A		50mV p-p



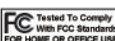
Redundant Module

YM-2681HxR



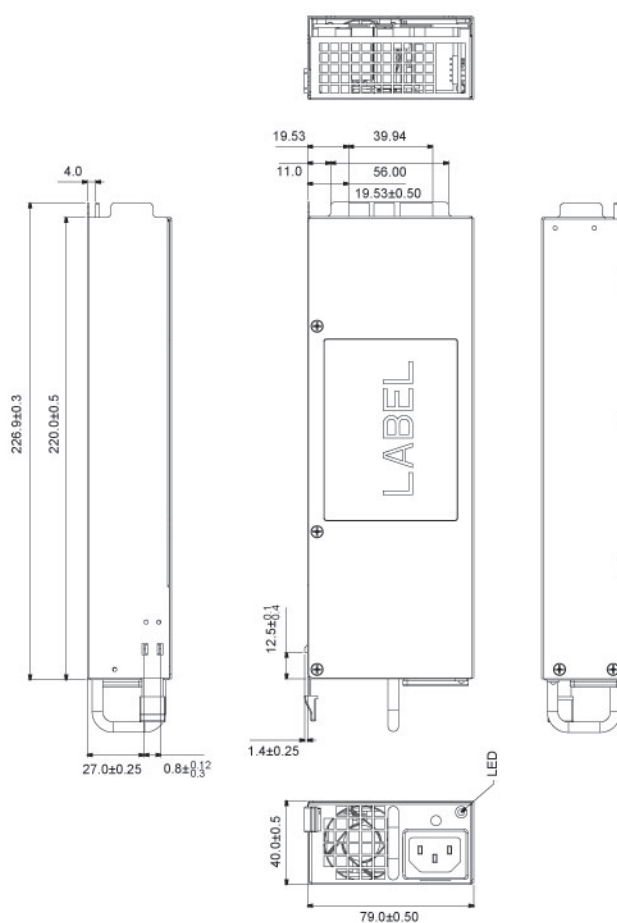
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



Specifications

Total Output	680W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	10A max at 115V, 5A max at 230V
Inrush Current	27A max at 90 - 264V
Power Factor	> 0.98 / 115V 60Hz , > 0.94 / 230V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+12V : 67.2A ~ 77.5A +5VSB : 6.9A ~ 8.4A
Over Voltage Protection	+12V : 13.3V ~ 14.5V +5VSB : 5.7V ~ 6.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 92\%$ at Mid load of 230VAC
Power Density	16.03 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	79.0 (W) x 40.0 (H) X 220.0 (L) mm
Operating Temperature	-20 to 50 °C
Operating Humidity	85 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	2 A	56 A		120mV p-p
+12 VSB	0 A	6 A		50mV p-p



Redundant Module

YM-2701AxR



80 PLUS

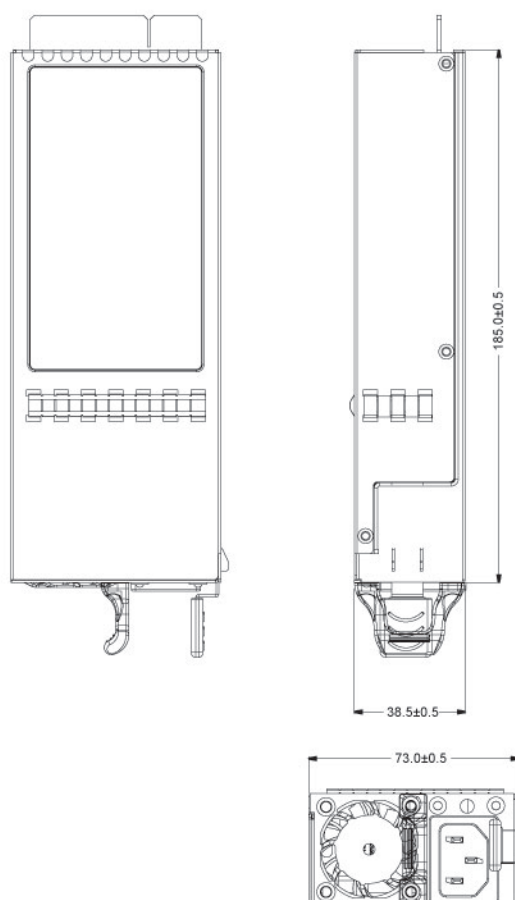


Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status

Specifications

Total Output	700W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	8A max at 115V , 4A max at 230V
Inrush Current	50A max at 264VAC
Power Factor	> 0.98 / 115V 60Hz , > 0.93 / 230V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 16mS / 110V
Over Current Protection	+12V : 55A ~ 64.2A +12VSB : 4.4A ~ 5A
Over Voltage Protection	+12V : 13.3V ~ 14.5V +12VSB : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 92\%$ at Min load of 230VAC
Power Density	22.06 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	73.0 (W) x 38.5 (H) X 185.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	85 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	0 A	50 A		120mV p-p
+12 VSB	0 A	4 A		120mV p-p



Redundant Module

YM-2721AxR

PSMI
System Management
Interface Forum

PMBUS

80 PLUS
BRONZE

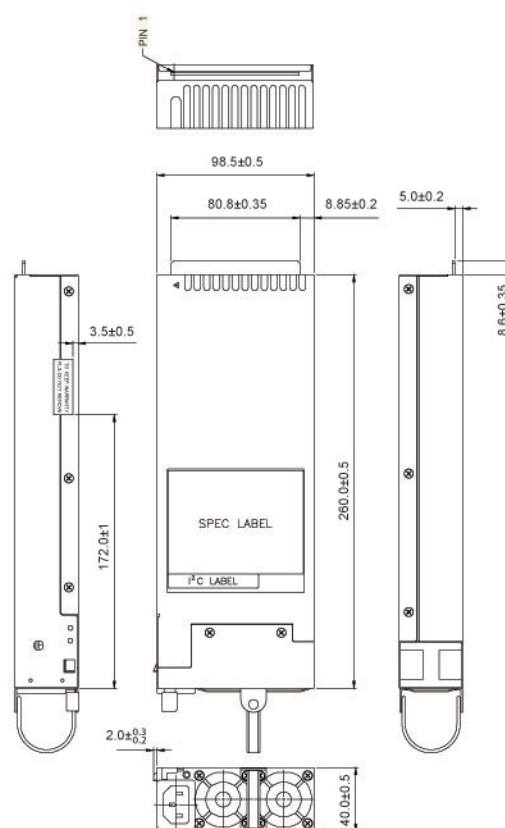
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



Specifications

Total Output	720W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	10A max at 115V , 5A max at 230V
Inrush Current	60A max at 264VAC
Power Factor	> 0.95 / 115V 60Hz , > 0.93 / 230V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 18 ms / 115 V
Over Current Protection	+12V : 64.63A ~ 88.13A
Over Voltage Protection	+12V : 13.3V ~ 15.6V
Efficiency	≥ 85% at Mid load of 230VAC
Power Density	11.52 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	98.5 (W) x 40.0 (H) X 260.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	85 % RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	1 A	58.75 A		120mV p-p
+5 VSB	0 A	3 A		50mV p-p



Redundant Module

YM-2721CxR



PSMI

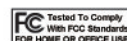
System Management
Interface Forum

PMBUS

80 PLUS
GOLD

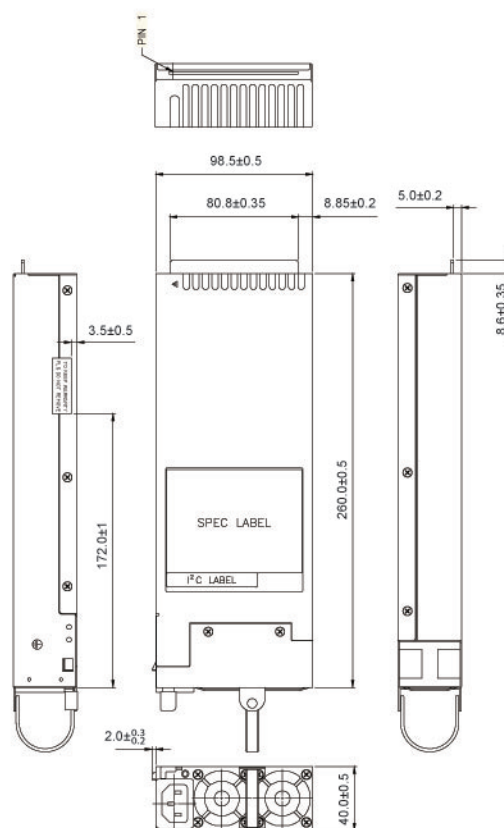
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



Specifications

Total Output	720W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	10A max at 115V, 5A max at 230V
Inrush Current	60A max at 264V
Power Factor	> 0.95 / 115 V 60Hz , > 0.93 / 230 V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+12V : 64.625A ~ 88.125A
Over Voltage Protection	+12V : 13.3V ~ 15.6V
Efficiency	≥ 92% at Mid load of 230VAC
Power Density	11.52 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	98.5 (W) x 40.0 (H) X 260.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	85 % RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	1 A	58.75 A		120mV p-p
+5 VSB	0 A	4 A		50mV p-p



Redundant Module

YM-2801BxR



80 PLUS

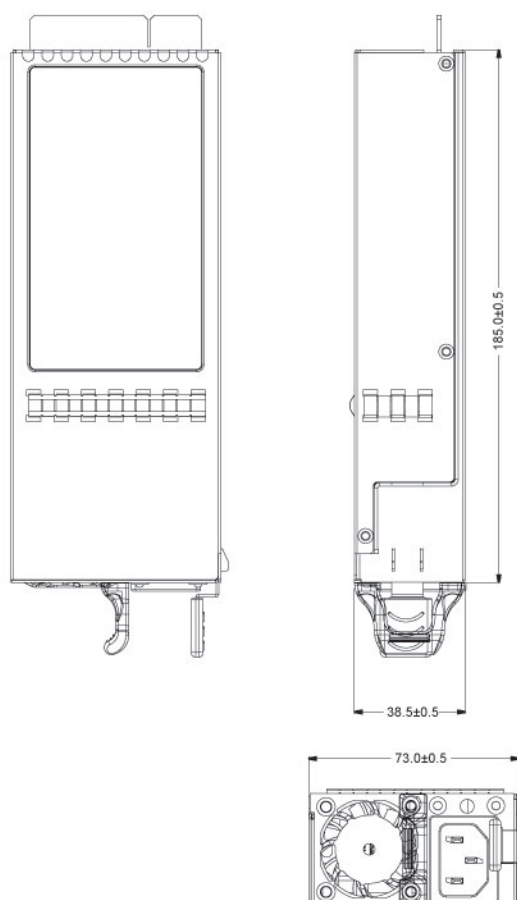


Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status

Specifications

Total Output	800W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	8A max at 115V , 4A max at 230V
Inrush Current	50A max at 264VAC
Power Factor	> 0.98 / 115V 60Hz , > 0.93 / 230V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 16mS / 110V
Over Current Protection	+12V : 55A ~ 64.2A +12VSB : 4.4A ~ 5A
Over Voltage Protection	+12V : 13.3V ~ 14.5V +12VSB : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 92\%$ at Min load of 230VAC
Power Density	25.21 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	73.0 (W) x 38.5 (H) X 185.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	85 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	0 A	50 A		120mV p-p
+12VSB	0 A	4 A		120mV p-p



Redundant Module

YM-2821AxR



PSMI

System Management
Interface Forum



PMBUS



80 PLUS



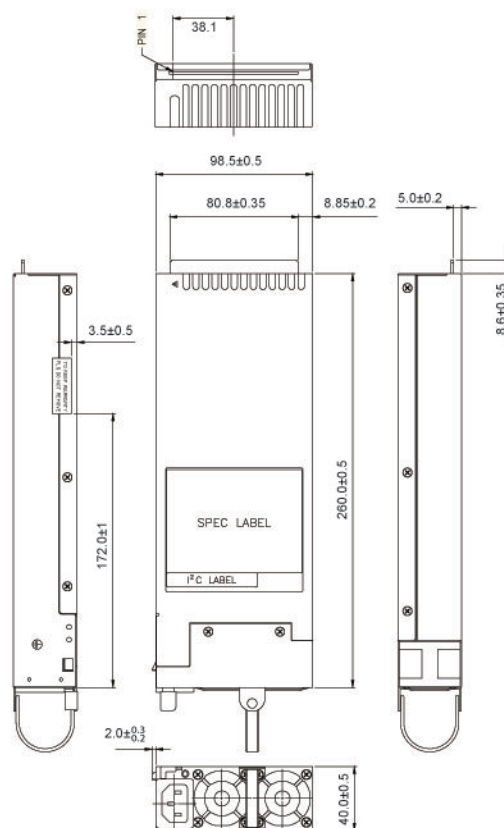
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



Specifications

Total Output	820W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	12A max at 115V, 6A max at 230V
Inrush Current	60A max at 264V
Power Factor	> 0.95 / 115 V 60Hz , > 0.93 / 230 V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 18 mS / 115 V
Over Current Protection	+12V : 73.81A ~ 100.65A
Over Voltage Protection	+12V : 13.3V ~ 15.6V
Efficiency	≥ 85% at Mid load of 230VAC
Power Density	13.12 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	98.5 (W) x 40.0 (H) X 260.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	85 % RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	1 A	67.1 A		120mV p-p
+5 VSB	0 A	3 A		50mV p-p



Redundant Module

YM-2821FxR

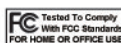
PSMI
System Management
Interface Person

PMBUS

80 PLUS
GOLD

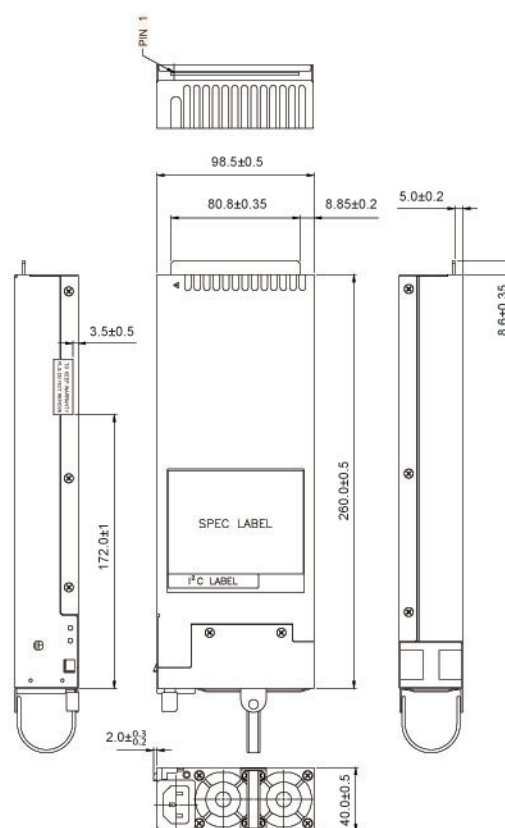
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



Specifications

Total Output	820W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	12A max at 115V, 6A max at 230V
Inrush Current	60A max at 264VAC
Power Factor	> 0.95 / 115V 60Hz , > 0.93 / 230V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+12V : 73.8A ~ 100.6A
Over Voltage Protection	+12V : 13.3V ~ 15.6V
Efficiency	≥ 92% at Mid load of 230VAC
Power Density	13.12 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	98.5 (W) x 40.0 (H) X 260.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	85 % RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	1 A	67.1 A		120mV p-p
+5 VSB	0 A	4 A		50mV p-p

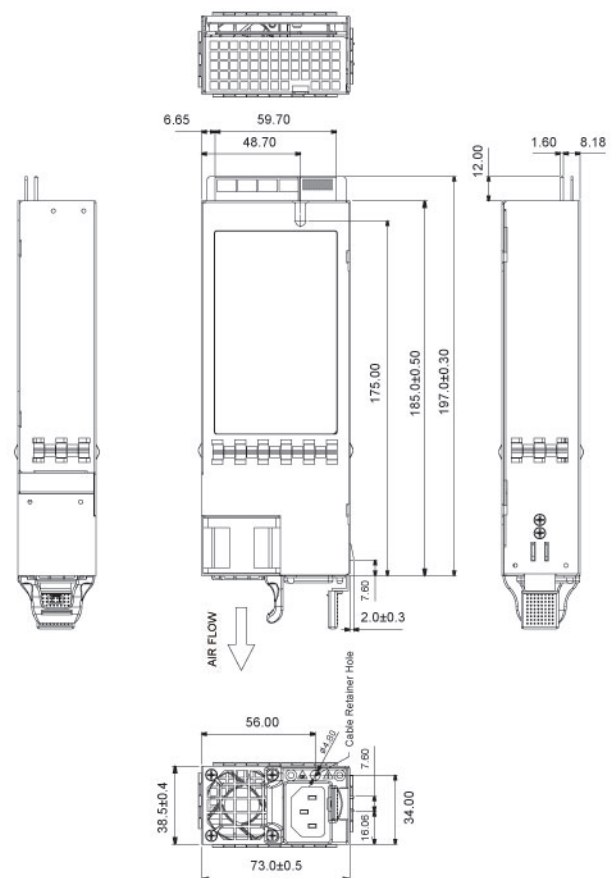


Features

- **Protections : Over current/Over Voltage/Over Temperature**
- **Smart monitoring PSMI and PMBus**
- **Front panel LED to Indicate Power Status**

Specifications

Total Output	850W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	12A max at 115V, 6A max at 230V
Inrush Current	25A max at 264V
Power Factor	> 0.98 / 115V 60Hz , > 0.93 / 230V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 10 ms / 110V
Over Current Protection	+12V : 77.91A ~ 95A +12VSB : 3.3A ~ 5A
Over Voltage Protection	+12V : 13.3V ~ 14.5V +12VSB : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 92\%$ at Min load of 230VAC
Power Density	26.79 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	73.0 (W) x 38.5 (H) X 185.0 (L) mm
Operating Temperature	-5 to 50 °C
Operating Humidity	85 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	0 A	70.83 A		120mV p-p
+12VSB	0 A	3 A		120mV p-p



Redundant Module

YM-2102BxR

PSMI
System Management
Interface Person

PMBUS

80 PLUS
BRONZE

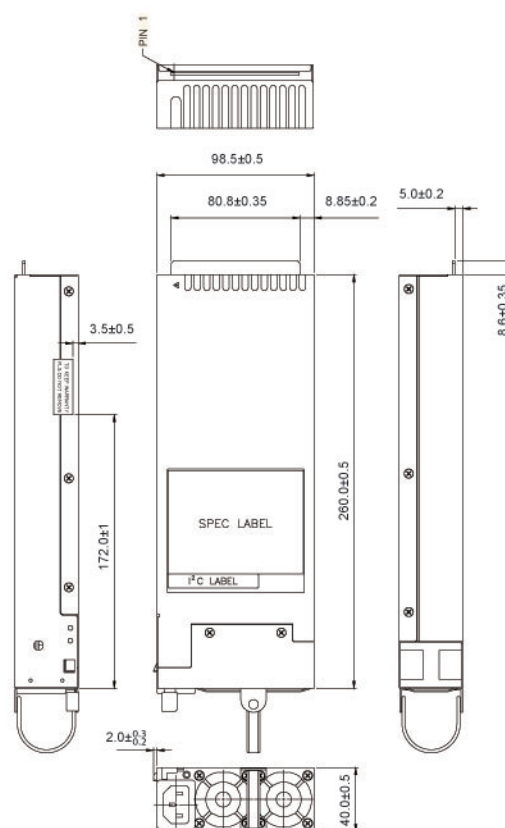
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



Specifications

Total Output	1000W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	15A max at 115V , 7.5A max at 230V
Inrush Current	60A max at 264VAC
Power Factor	> 0.95 / 115V 60Hz , > 0.93 / 230V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+12V : 90.31A ~ 123.15A
Over Voltage Protection	+12V : 13.3V ~ 15.6V
Efficiency	≥ 89% at Mid load of 230VAC
Power Density	16.0 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	98.5 (W) x 40.0 (H) X 260.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	85 % RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	1 A	82.1 A		120mV p-p
+5 VSB	0 A	3 A		50mV p-p



Redundant Module

YM-2102FxR



PSMI

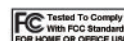
System Management
Interface Forum

PMBUS

80 PLUS
GOLD

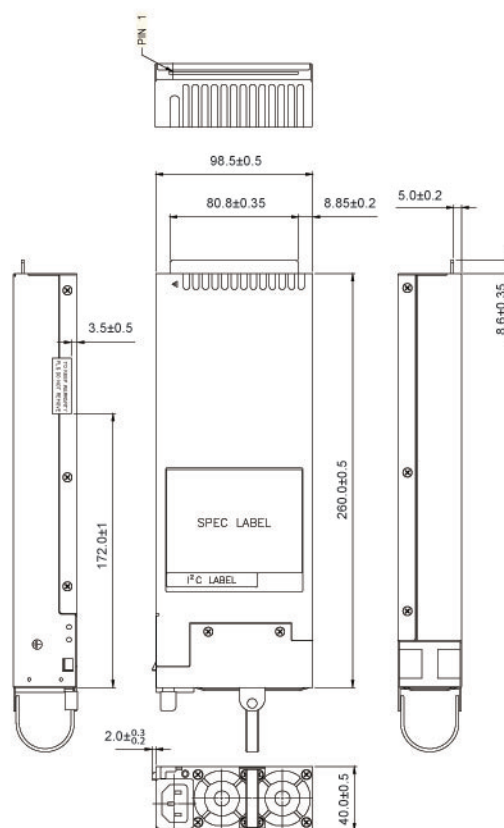
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



Specifications

Total Output	1000W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	15A max at 115V, 7.5A max at 230V
Inrush Current	60A max at 264V
Power Factor	> 0.95 / 115 V 60Hz , > 0.93 / 230 V 50Hz
Earth Leakage Current	1.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+12V : 90.31A ~ 123.15A
Over Voltage Protection	+12V : 13.3V ~ 15.6V
Efficiency	≥ 92% at Mid load of 230VAC
Power Density	16.0 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	98.5 (W) x 40.0 (H) X 260.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	85 % RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	1 A	82.1 A		120mV p-p
+5 VSB	0 A	6 A		50mV p-p

1U Redundant | YH5151-1ExR



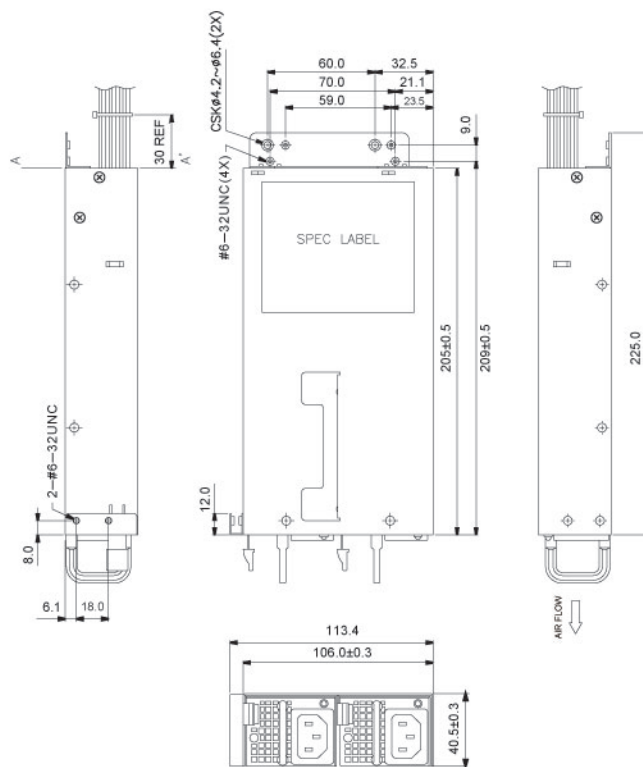
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status

* Redundant Module : YM-2151ExR

Specifications

Total Output	150W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	12.5A max at 115V , 4A max at 230V
Inrush Current	115V / 230V, No damage
Power Factor	> 0.98 / 115V 60Hz , > 0.94 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 17mS / 110V
Over Current Protection	+3.3V : 18A ~ 22.5A +5V : 18A ~ 22.5A +12V : 15A ~ 18.75A +5VSB : 3.3A ~ 5A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V +5VSB : 5.7V ~ 6.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	2.83 W/in3
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	106.0 (W) x 40.0 (H) X 205.0 (L) mm
Operating Temperature	-5 to 50 °C
Operating Humidity	85 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0 A	15 A		50mV p-p
+5 V	0 A	15 A		50mV p-p
+12 V	0 A	12.5 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0 A	3A		50mV p-p



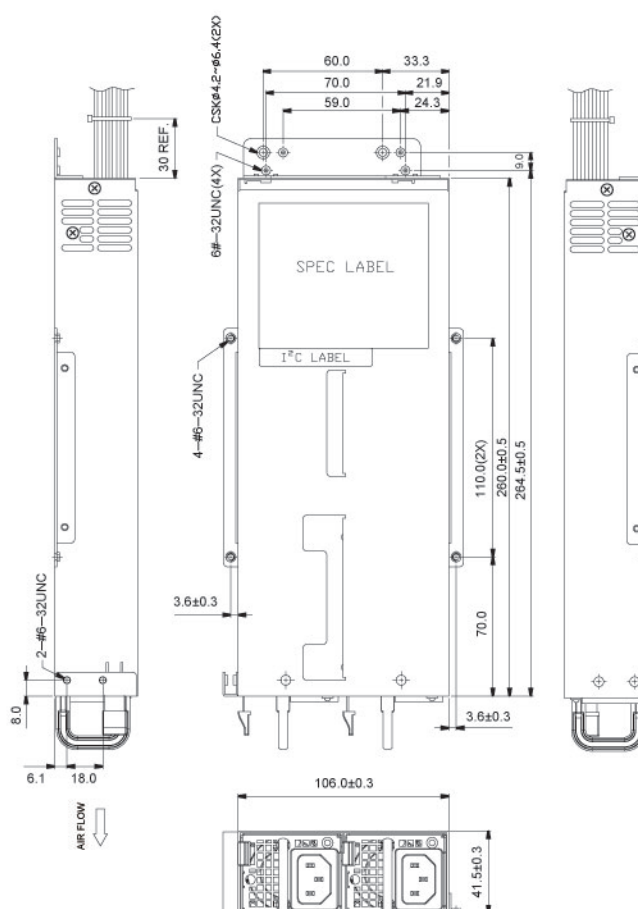
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status

* Redundant Module : YM-2301ExR

Specifications

Total Output	300W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	5A max at 115V, 3A max at 230V
Inrush Current	25A max at 264VAC
Power Factor	> 0.98 / 115V 60Hz , > 0.94 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16mS / 110V
Over Current Protection	+12V : 55A ~ 64.2A +12VSB : 4.4A ~ 5A
Over Voltage Protection	+12V : 13.3V ~ 14.5V +12VSB : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	4.46 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	106.0 (W) x 40.0 (H) X 260.0 (L) mm
Operating Temperature	-5 to 50 °C
Operating Humidity	85 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0 A	20 A		50mV p-p
+5 V	0 A	20 A		50mV p-p
+12 V	0 A	24 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5VSB	0 A	3 A		50mV p-p

Features

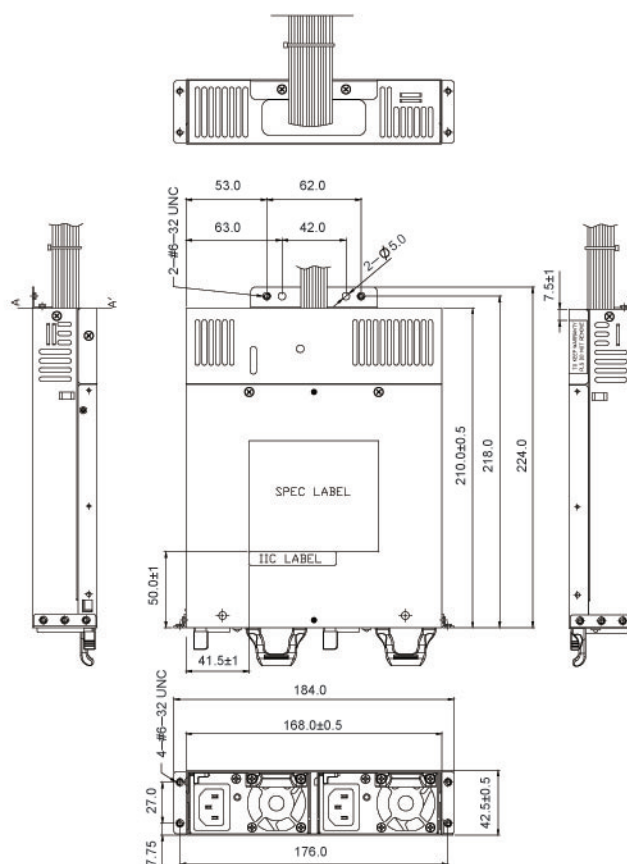
- **Protections : Over current/Over Voltage/Over Temperature**
- **Smart monitoring PSMI and PMBus**
- **Front panel LED to Indicate Power Status**



* Redundant Module : YM-2301HxR

Specifications

Total Output	300W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	5A max at 115V, 2.5A max at 230V
Inrush Current	80A max at 115V, 150A max at 230V
Power Factor	> 0.98 / 115 V 60Hz , > 0.94 / 230 V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 14 mS/115V
Over Current Protection	+3.3V : 22A ~ 30A +5V : 22A ~ 30A +12V : 26.4A ~ 36A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 75\%$ at Max load of 115 ~ 230VAC
Power Density	3.28 W/in3
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	168.0 (W) x 42.5 (H) X 210.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	20 A	Combined +3.3 V & +5 V power $\leq 140W$	50mV p-p
+5 V	0.5 A	20 A		50mV p-p
+12 V	2 A	24 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0.1 A	4 A		50mV p-p

Features

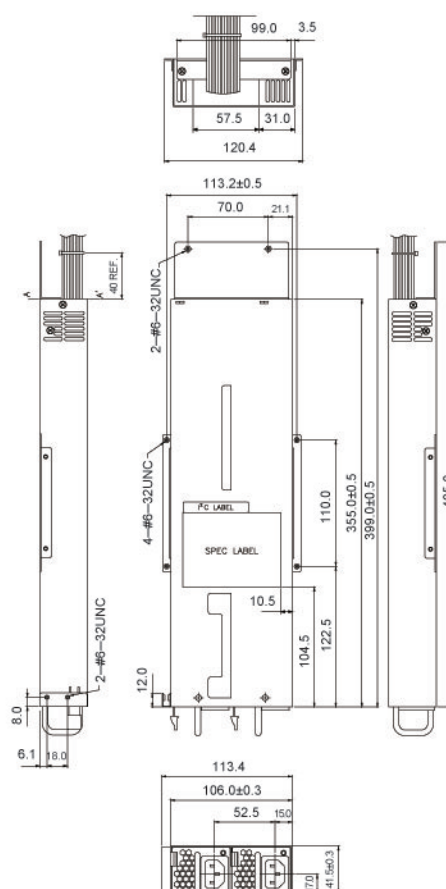
- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



* Redundant Module : YM-2301DxR

Specifications

Total Output	300W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	8A max at 115V, 4A max at 230V
Inrush Current	40A max at 115V, 60A max at 230V
Power Factor	> 0.98 / 115 V 60Hz , > 0.94 / 230 V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 15 mS/110V
Over Current Protection	+3.3V : 19.8A ~ 27A +5V : 19.8A ~ 27A +12V : 27.5A ~ 37.5A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	3.15 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	106.0 (W) x 41.5 (H) X 355.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-20 °C to +80 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	18 A	+3.3 V, +5 V, +12 V, -12 V & +5 VSB Combined power ≤ 300 W	50mV p-p
+5 V	0.3 A	18 A		50mV p-p
+12 V	1 A	25 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0 A	3 A		50mV p-p

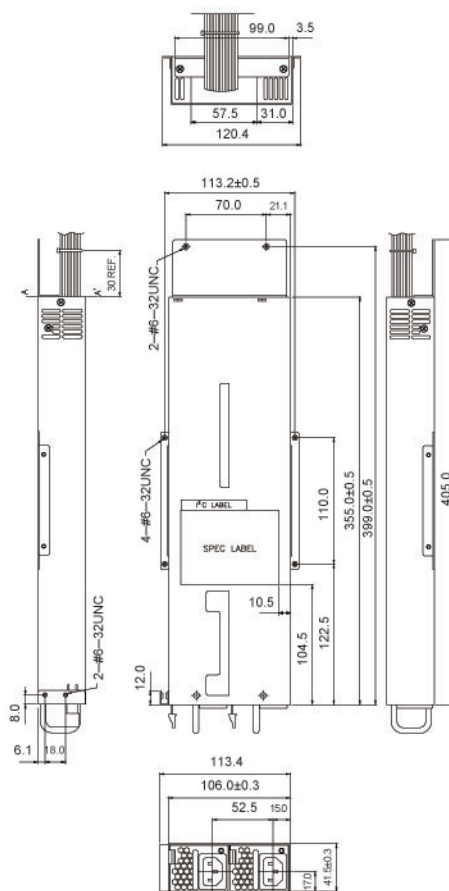
Features

- **Protections : Over current/Over Voltage/Over Temperature**
- **Smart monitoring PSMI and PMBus**
- **Front panel LED to Indicate Power Status**

* **Redundant Module : YM-2301DxR**

Specifications

Total Output	300W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	8A max at 115V , 4A max at 230V
Inrush Current	60A max at 264VAC
Power Factor	> 0.98 / 115V 60Hz , > 0.94 / 230V 50Hz
Earth Leakage Current	3.0mA max at 264VAC / 50Hz
Hold Up Time	> 20 mS / 115 V
Over Current Protection	+12V : 27.5A ~ 37.5A
Over Voltage Protection	+12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	3.15 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	106.0 (W) x 41.5 (H) X 355.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	85 % RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	2 A	25 A		120mV p-p
+5 VSB	0 A	3 A		50mV p-p

Features

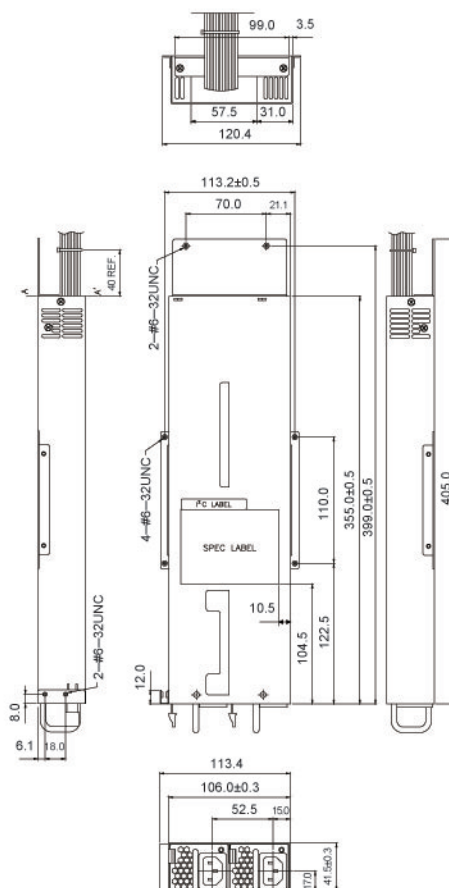
- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



* Redundant Module : YM-2451CxR

Specifications

Total Output	450W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	8A max at 115V, 4A max at 230V
Inrush Current	60A max at 264VAC
Power Factor	> 0.98 / 115 V 60Hz , > 0.94 / 230 V 50Hz
Earth Leakage Current	3.0mA max at 264VAC / 50Hz
Hold Up Time	> 20 mS/115V
Over Current Protection	+12V : 40.7A ~ 55.5A
Over Voltage Protection	+12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	4.72 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	106.0 (W) x 41.5 (H) X 355.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	85 % RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	2 A	37.0 A		120mV p-p
+5 VSB	0 A	3 A		50mV p-p

Features

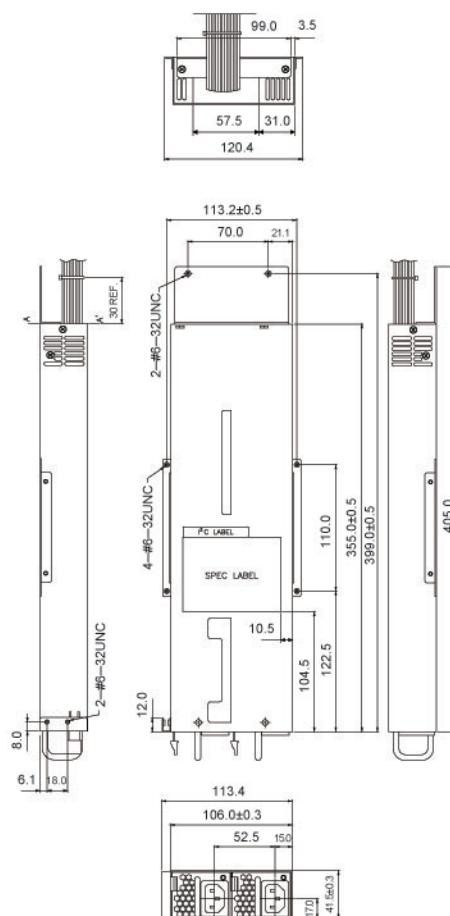
- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



* Redundant Module : YM-2451CxR

Specifications

Total Output	450W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	8A max at 115V , 4A max at 230V
Inrush Current	40A max at 115V, 60A max at 230V
Power Factor	> 0.98 / 115V 60Hz , > 0.94 / 230V 50Hz
Earth Leakage Current	3.0mA max at 264VAC / 50Hz
Hold Up Time	> 14 mS / 115 V
Over Current Protection	+3.3V : 19.8A ~ 27A +5V : 19.8A ~ 27A +12V : 17.6A ~ 24A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	4.72 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	106.0 (W) x 41.5 (H) X 355.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	1.5 A	18 A	Combined +3.3 V & +5 V power $\leq 140W$	50mV p-p
+5 V	1 A	18 A		50mV p-p
+12 V1	1 A	16 A		120mV p-p
+12 V2	1 A	16 A		120mV p-p
+12 V3	0 A	16 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0.1 A	3 A		50mV p-p

Features

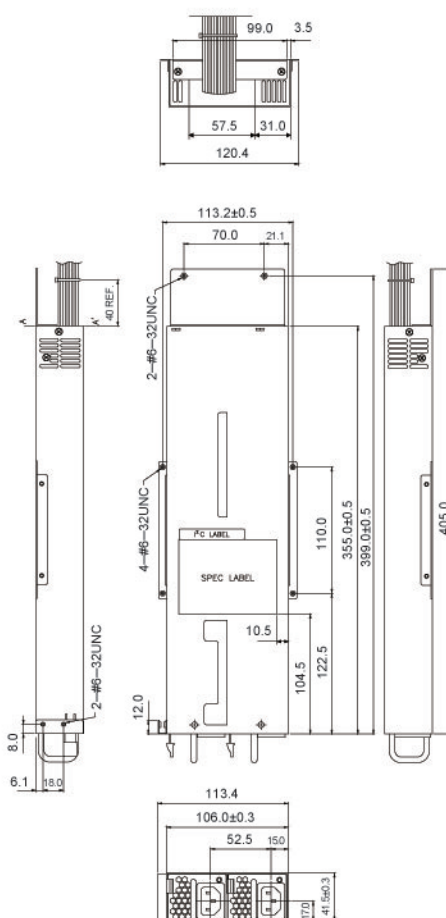
- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



* Redundant Module : YM-2651BxR

Specifications

Total Output	650W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	8A max at 115V, 5A max at 230V
Inrush Current	60A max at 264VAC
Power Factor	> 0.95 / 115 V 60Hz , > 0.93 / 230 V 50Hz
Earth Leakage Current	3.0mA max at 264VAC / 50Hz
Hold Up Time	> 20 mS/115V
Over Current Protection	+12V : 55.54A ~ 79.35A
Over Voltage Protection	+12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	6.82 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	106.0 (W) x 41.5 (H) X 355.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	85 % RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	2 A	52.9 A		120mV p-p
+5 VSB	0 A	3 A		50mV p-p

Features

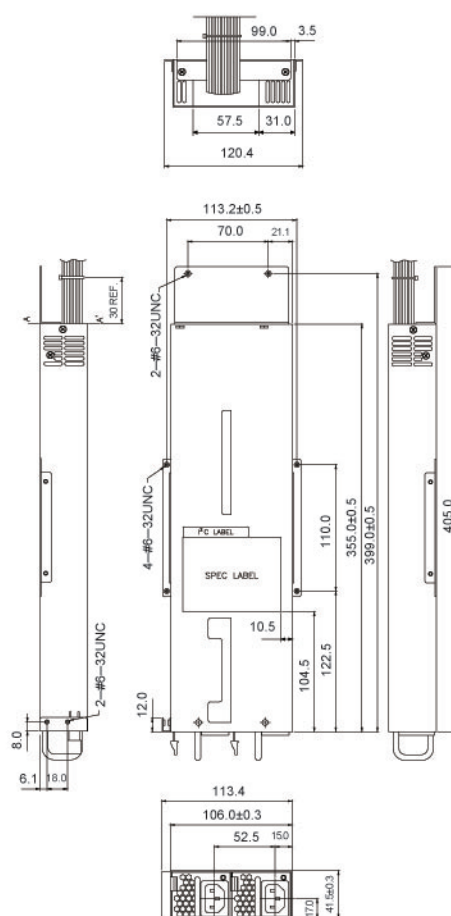
- **Protections : Over current/Over Voltage/Over Temperature**
- **Smart monitoring PSMI and PMBus**
- **Front panel LED to Indicate Power Status**



* Redundant Module : YM-2651BxR

Specifications

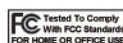
Total Output	650W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	8A max at 115V , 4A max at 230V
Inrush Current	40A max at 115V, 60A max at 230V
Power Factor	> 0.98 / 115V 60Hz , > 0.94 / 230V 50Hz
Earth Leakage Current	3.0mA max at 264VAC / 50Hz
Hold Up Time	> 20 mS / 115 V
Over Current Protection	+3.3V : 22A ~ 30A +5V : 22A ~ 30A +12V : 17.6A ~ 24A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	6.82 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	106.0 (W) x 41.5 (H) X 355.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	1.5 A	20 A	Combined +3.3 V & +5 V power $\leq 140W$	50mV p-p
+5 V	1 A	20 A		50mV p-p
+12 V1	0.5 A	16 A		120mV p-p
+12 V2	0.5 A	16 A		120mV p-p
+12 V3	1 A	16 A		120mV p-p
+12V 4	0 A	0 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0.1 A	3 A		50mV p-p

Features

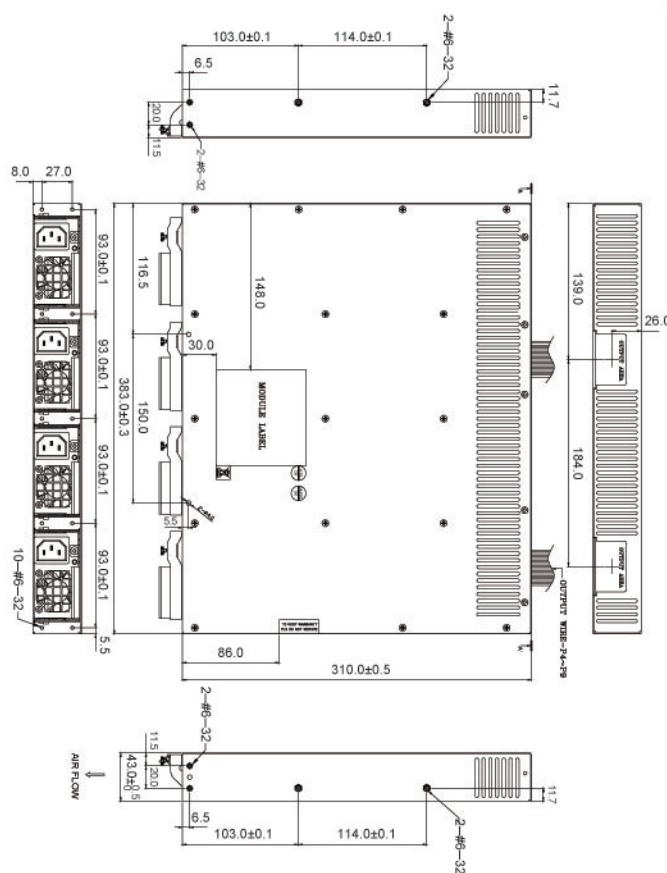
- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



* Redundant Module : YM-7381CxR

Specifications

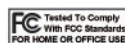
Total Output	1140W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	21A max at 115V , 12A max at 230V
Inrush Current	50A max at 115V, 100A max at 230V
Power Factor	> 0.95 / 115V 60Hz , > 0.93 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 20 mS / 115 V
Over Current Protection	+3.3V : 59.4A ~ 81A +5V : 64.8A ~ 81A +12V1-2 : 33A ~ 45A +12V3-4 : 39.6A ~ 54A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 65\%$ at Max load of 115 ~ 230VAC
Power Density	3.66 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	383.0 (W) x 43.0 (H) X 310.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	54 A	Combined +3.3 V & +5 V power $\leq 300W$	50mV p-p
+5 V	0.5 A	54 A		50mV p-p
+12 V1	0.2 A	30 A		120mV p-p
+12 V2	0.2 A	30 A		120mV p-p
+12 V3	0.2 A	36 A		120mV p-p
+12V 4	0.2 A	36 A		120mV p-p
-12 V	0 A	1 A	+12V1-4 Combined current $\leq 75A$	120mV p-p
+5 VSB	0.1 A	3.5 A		50mV p-p

Features

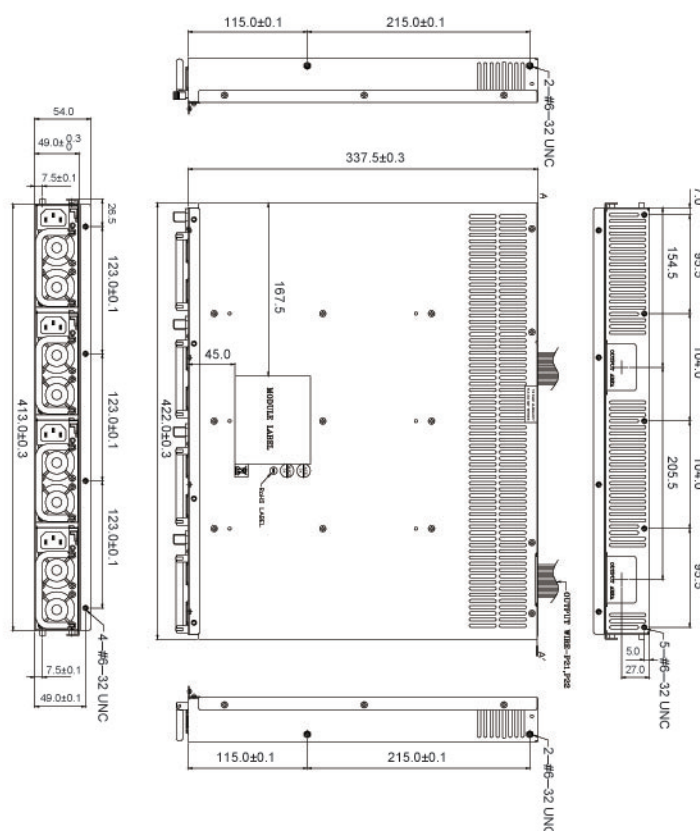
- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



* Redundant Module : YM-5501AxR

Specifications

Total Output	1500W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	30A max at 115V, 20A max at 230V
Inrush Current	50A max at 115V, 100A max at 230V
Power Factor	> 0.90 / 115 V 60Hz , > 0.80 / 230 V 50Hz
Earth Leakage Current	3.0mA max at 264VAC / 50Hz
Hold Up Time	> 20 mS/115V
Over Current Protection	+3.3V : 69.3A ~ 94.5A +5V : 99A ~ 135A +12V : 42.9A ~ 58.5A
Over Voltage Protection	+3.3V : 3.6V ~ 4.8V +5V : 5.5V ~ 6.5V +12V : 12.8V ~ 15.6V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 70\%$ at Max load of 115 ~ 230VAC
Power Density	4.01 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	422.0 (W) x 43.0 (H) X 337.5 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	63 A	Combined +3.3 V & +5 V power ≤ 480 W	50mV p-p
+5 V	0.5 A	90 A		50mV p-p
+12 V1	0.2 A	39 A		120mV p-p
+12 V2	0.2 A	39 A		120mV p-p
+12 V3	0.2 A	39 A	+12 V1-3	120mV p-p
-12 V	0 A	1 A	Combined current ≤ 117 A	120mV p-p
+5 VSB	0 A	2 A		50mV p-p



Features

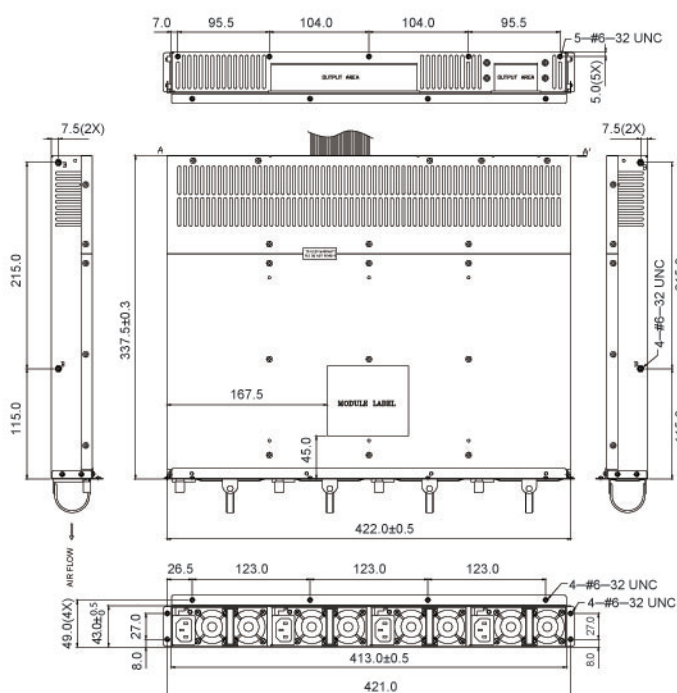
- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



* Redundant Module : YM-2721AxR

Specifications

Total Output	2100W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	10A max at 115V , 5A max at 230V
Inrush Current	60A max at 115V, 60A max at 230V
Power Factor	> 0.95 / 115V 60Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+12V : 192.5A ~ 227.5A
Over Voltage Protection	+12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	5.62 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	422.0 (W) x 43.0 (H) X 337.5 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+ 12 V	1 A	175 A		120mV p-p
+5 VSB	0 A	4 A		50mV p-p



Features

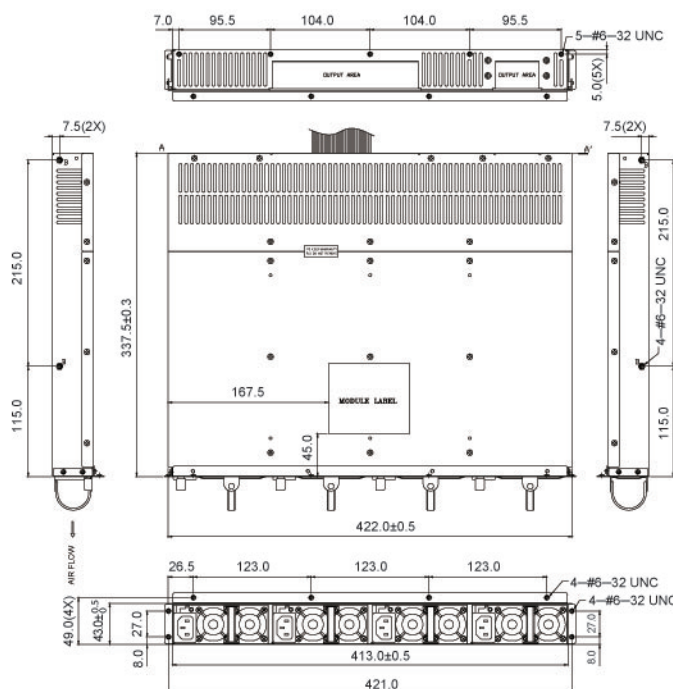
- **Protections : Over current/Over Voltage/Over Temperature**
- **Smart monitoring PSMI and PMBus**
- **Front panel LED to Indicate Power Status**



* Redundant Module : YM-2721AxR

Specifications

Total Output	2100W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	10A max at 115V, 5A max at 230V
Inrush Current	60A max at 115V, 60A max at 230V
Power Factor	> 0.95 / 115 V 60Hz, > 0.93 / 230 V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS/115V
Over Current Protection	+3.3V : 55A ~ 65A +5V : 77A ~ 91A +12V : 192.5A ~ 227.5A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	5.63 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	422.0 (W) x 43.0 (H) X 337.5 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	50 A	Combined +3.3 V & +5 V Power ≤ 480 W	50mV p-p
+5 V	0.5 A	70 A		50mV p-p
+12 V	1 A	175 A		120mV p-p
-12 V	0 A	0.8 A		120mV p-p
-5 V	0 A	0.3 A		100mV p-p
+5 VSB	0 A	4.0 A		50mV p-p



Features

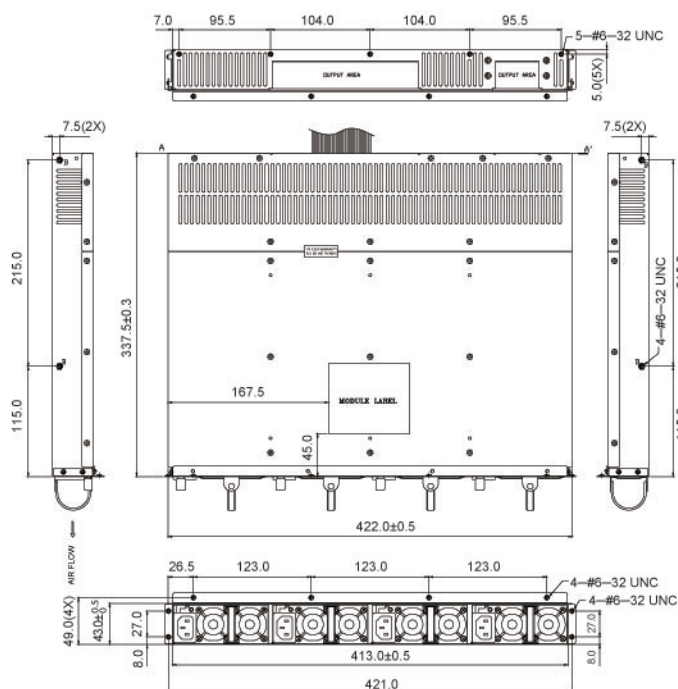
- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



* Redundant Module : YM-2821AxR

Specifications

Total Output	2400W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	14A max at 115V, 7A max at 230V
Inrush Current	60A max at 115V, 60A max at 230V
Power Factor	> 0.95 / 115 V 60Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS/115V
Over Current Protection	+12V : 220A ~ 260A
Over Voltage Protection	+12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	6.42W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	422.0 (W) x 43.0 (H) X 337.5 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	1 A	200 A		120mV p-p
+5 VSB	0 A	4 A		50mV p-p



Features

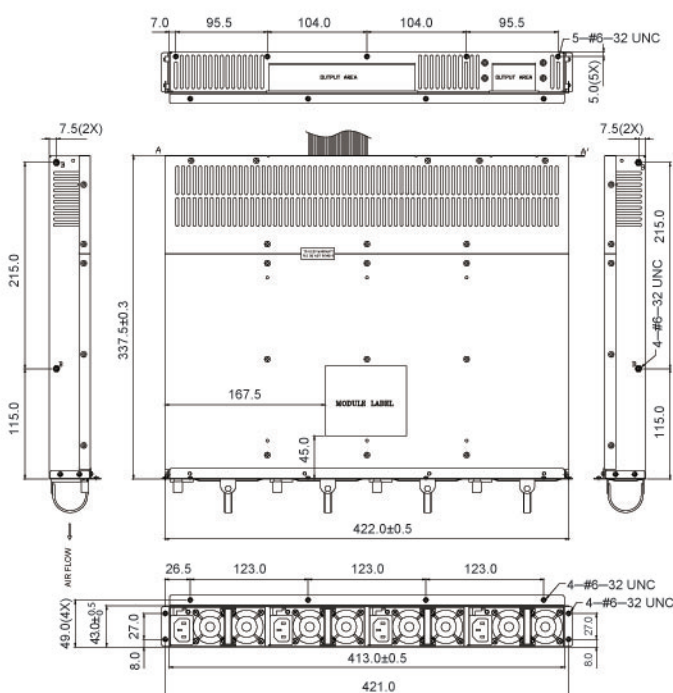
- **Protections : Over current/Over Voltage/Over Temperature**
- **Smart monitoring PSMI and PMBus**
- **Front panel LED to Indicate Power Status**



* Redundant Module : YM-2821AxR

Specifications

Total Output	2400W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	12A max at 115V , 6A max at 230V
Inrush Current	60A max at 115V, 60A max at 230V
Power Factor	> 0.95 / 115V 60Hz, > 0.93 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 55A ~ 65A +5V : 77A ~ 91A +12V : 220A ~ 260A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	6.43 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	422.0 (W) x 43.0 (H) X 337.5 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	50 A	Combined +3.3 V & +5 V Power ≤ 480 W	50mV p-p
+5 V	0.5 A	70 A		50mV p-p
+12 V	1 A	200 A		120mV p-p
-12 V	0 A	0.8 A		120mV p-p
-5 V	0 A	0.3 A		100mV p-p
+5 VSB	0 A	4.0 A		50mV p-p



Features

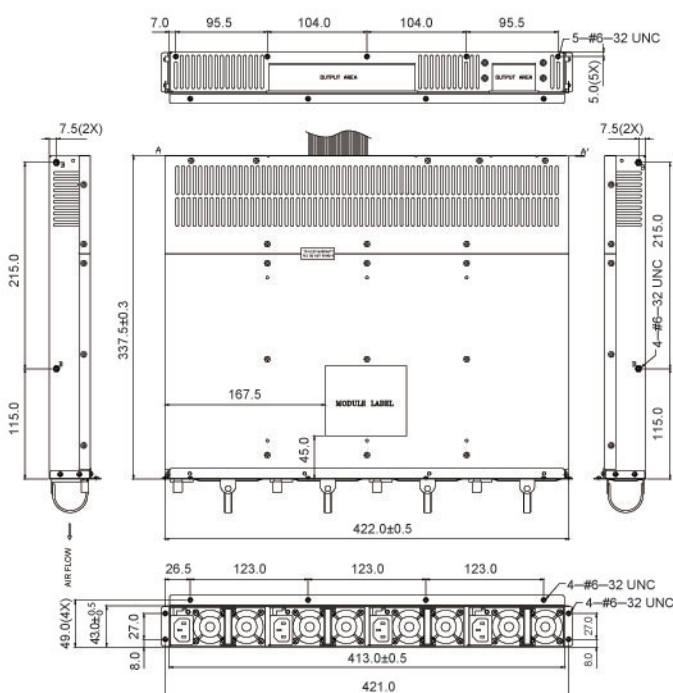
- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



* Redundant Module : YM-2102BxR

Specifications

Total Output	3000W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	15A max at 115V , 7.5A max at 230V
Inrush Current	60A max at 115V, 60A max at 230V
Power Factor	> 0.95 / 115V 60Hz, > 0.93 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+12V : 264A ~ 312A
Over Voltage Protection	+12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	8.03 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	422.0 (W) x 43.0 (H) X 337.5 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+ 12 V	1 A	240 A		120mV p-p
+5 VSB	0 A	4 A		50mV p-p



Features

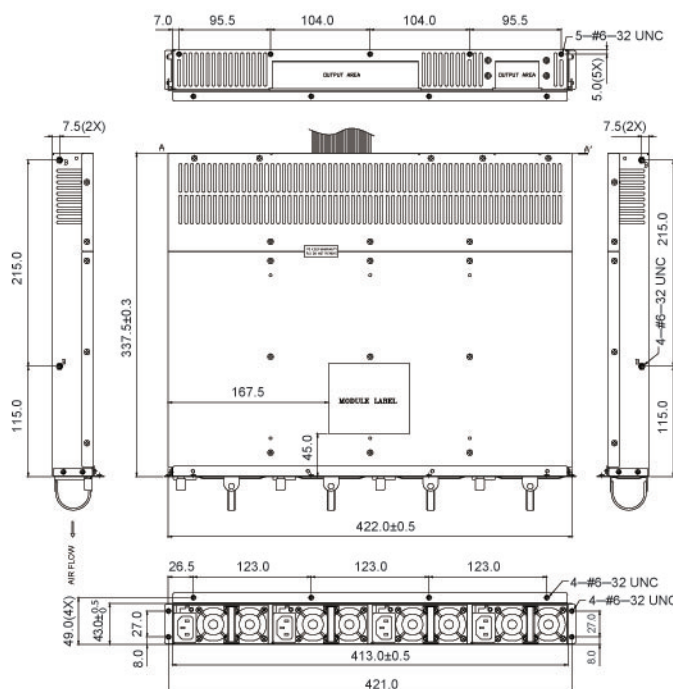
- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



* Redundant Module : YM-2102BxR

Specifications

Total Output	3000W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	15A max at 115V, 7.5A max at 230V
Inrush Current	60A max at 115V, 60A max at 230V
Power Factor	> 0.95 / 115 V 60Hz, > 0.93 / 230 V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS/115V
Over Current Protection	+3.3V : 55A ~ 65A +5V : 77A ~ 91A +12V : 231A ~ 273A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	8.03 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	422.0 (W) x 43.0 (H) X 337.5 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	50 A	Combined +3.3 V & +5 V Power ≤ 480 W	50mV p-p
+5 V	0.5 A	70 A		50mV p-p
+12 V	1 A	210 A		120mV p-p
-12 V	0 A	0.8 A		120mV p-p
-5 V	0 A	0.3 A		100mV p-p
+5 VSB	0 A	4.0 A		50mV p-p



Features

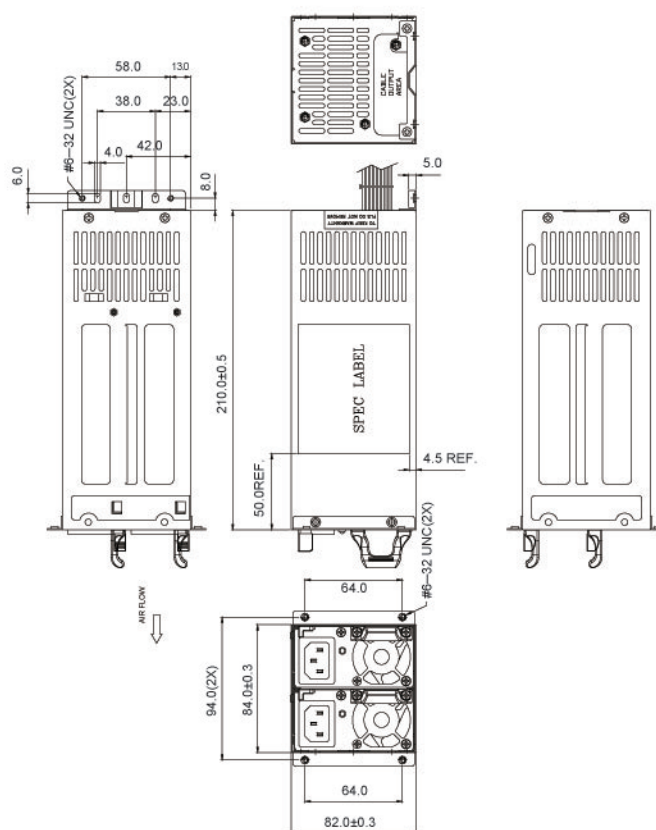
- **Protections : Over current/Over Voltage/Over Temperature**
- **Smart monitoring PSMI and PMBus**
- **Front panel LED to Indicate Power Status**



* Redundant Module : YM-2301HxR

Specifications

Total Output	300W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	5A max at 115V, 2.5A max at 230V
Inrush Current	80A max at 115V, 150A max at 230V
Power Factor	> 0.98 / 115 V 60Hz, > 0.94 / 230 V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 14 mS/115V
Over Current Protection	+3.3V : 16.5A ~ 22.5A +5V : 16.5A ~ 22.5A +12V : 26.4A ~ 36A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 75\%$ at Max load of 115 ~ 230VAC
Power Density	3.40 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	84.0 (W) x 82.0 (H) X 210.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	20 A	Combined +3.3 V & +5 V Power ≤ 140 W	50mV p-p
+5 V	0.5 A	20 A		50mV p-p
+12 V	2 A	24 A		120mV p-p
-12 V	0.1 A	0.5 A		120mV p-p
+5 VSB	0 A	4 A		50mV p-p



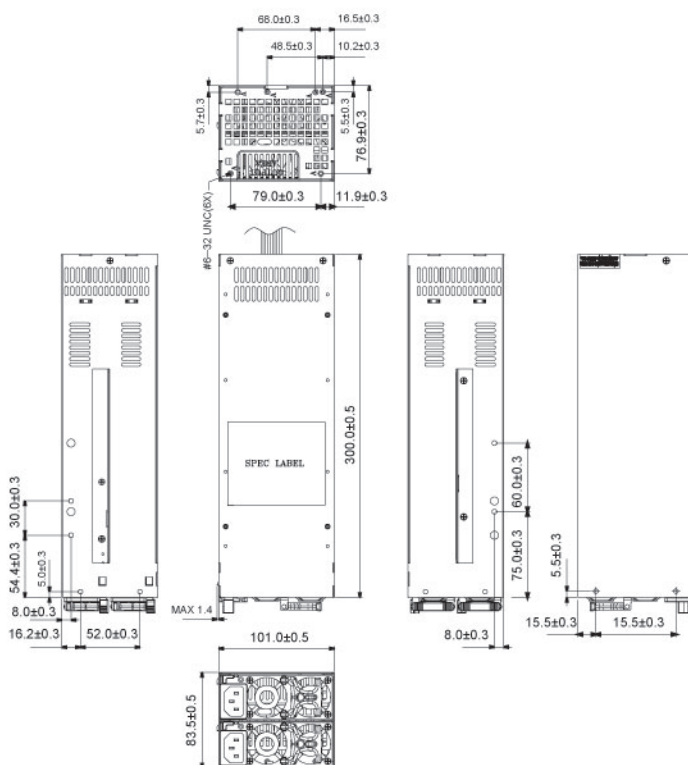
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status

* Redundant Module : YM-6351NxR

Specifications

Total Output	350W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	15A max at 115V, 7.5A max at 230V
Inrush Current	80A max at 90V - 264V
Power Factor	> 0.95 / 115 V 60Hz, > 0.93 / 230 V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	The power supply holdup time requirements to 75% of maximum load.
Over Current Protection	+3.3V : 22A ~ 40A +5V : 27.5A ~ 50A +12V : 45.5A max.
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 65\%$ at Max load of 115 ~ 230VAC
Power Density	2.25 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	101.0 (W) x 84.0 (H) X 300.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	20 A	Combined +3.3 V & +5 V Power ≤ 150 W	50mV p-p
+5 V	0.5 A	25 A		50mV p-p
+12 V	2.0 A	35 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0 A	4.0 A		50mV p-p



Features

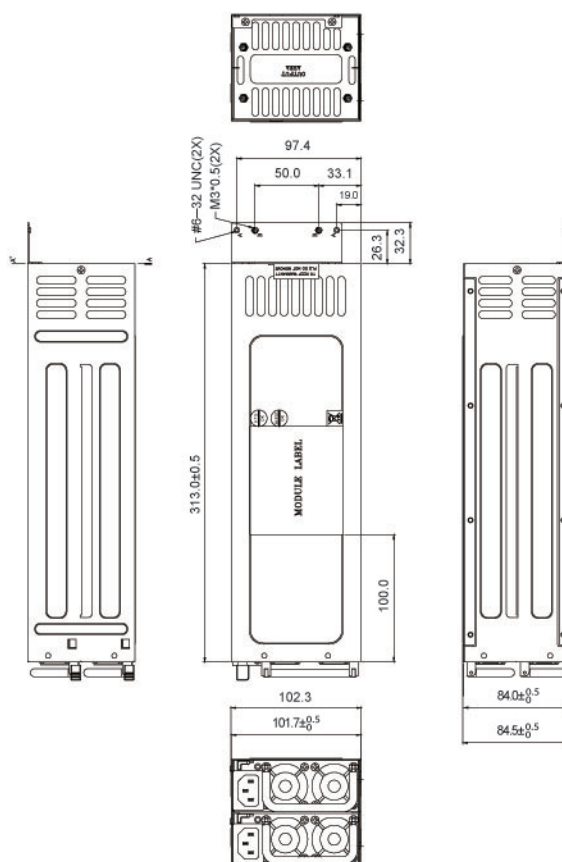
- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



* Redundant Module : YM-5501AxR

Specifications

Total Output	500W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	10A max at 115V , 5A max at 230V
Inrush Current	50A max at 115V, 100A max at 230V
Power Factor	> 0.95 / 115V 60Hz, > 0.93 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 20 mS / 115 V
Over Current Protection	+3.3V : 23.1A ~ 31.5A +5V : 33A ~ 45A +12V : 42.9A ~ 58.5A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 70\%$ at Max load of 115 ~ 230VAC
Power Density	3.05 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	101.0 (W) x 85.0 (H) X 313.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
3.3 V	0.5 A	21 A	Combined +3.3 V & +5 V Power ≤ 160 W	50mV p-p
+5 V	0.5 A	30 A		50mV p-p
+12 V	1.5 A	39 A		120mV p-p
-12 V	0 A	1 A		120mV p-p
+5 VSB	0.1 A	2 A		50mV p-p



Features

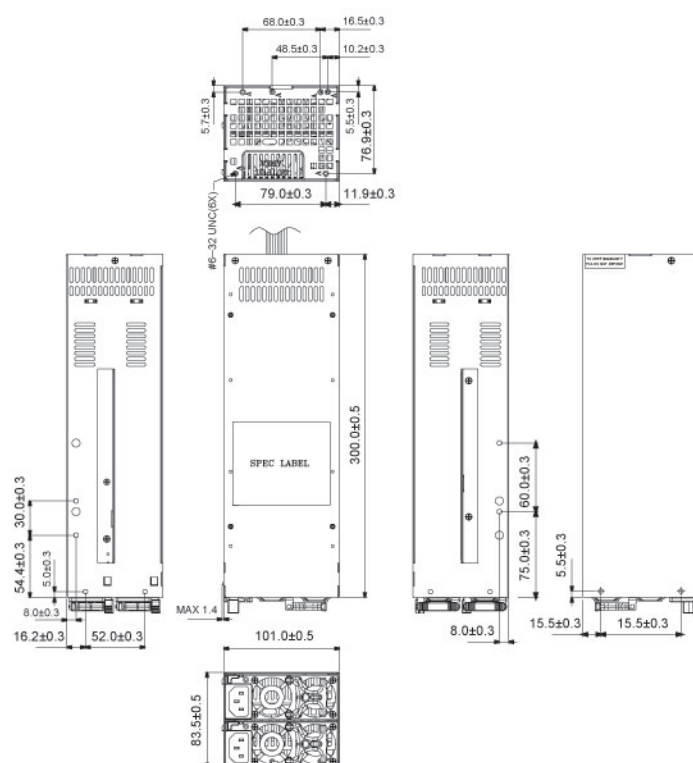
- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



* Redundant Module : YM-6521BxR

Specifications

Total Output	520W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	8.5A max at 115V , 4A max at 230V
Inrush Current	50A max at 115V, 60A max at 230V
Power Factor	> 0.95 / 115V 60Hz, > 0.93 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 26.4A ~ 48A +5V : 27.5A ~ 50A +12V : 38.5A ~ 70A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 65\%$ at Max load of 115 ~ 230VAC
Power Density	3.33 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	101.0 (W) x 84.4 (H) X 300.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	24 A	Combined +3.3 V & +5 V Power ≤ 150 W	50mV p-p
+5 V	0.5 A	25 A		50mV p-p
+12 V	2 A	35 A		120mV p-p
-12 V	0 A	0.5 A		20mV p-p
-5V	0 A	4 A		120mV p-p
+5 VSB	0A	0.2A		50mV p-p



Features

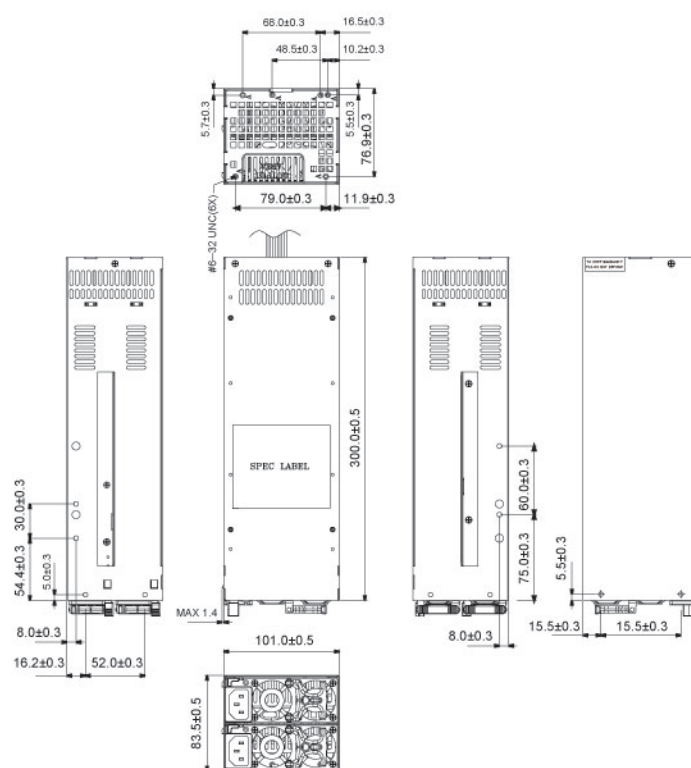
- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



* Redundant Module : YM-6621BxR

Specifications

Total Output	620W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	10A max at 115V, 5A max at 230V
Inrush Current	50A max at 115V, 60A max at 230V
Power Factor	> 0.95 / 115 V 60Hz, > 0.93 / 230 V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS/115V
Over Current Protection	+3.3V : 27.5A ~ 50A +5V : 33A ~ 60A +12V : 52.8A ~ 96A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 65\%$ at Max load of 115 ~ 230VAC
Power Density	3.97W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	101.0 (W) x 84.4 (H) X 300.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C

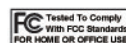


Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	25 A	Combined +3.3 V & +5 V Power ≤ 150 W	50mV p-p
+5 V	0.5 A	30 A		50mV p-p
+12 V	2 A	48 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
-5V	0 A	4 A		120mV p-p
+5 VSB	0A	0.2A		50mV p-p



Features

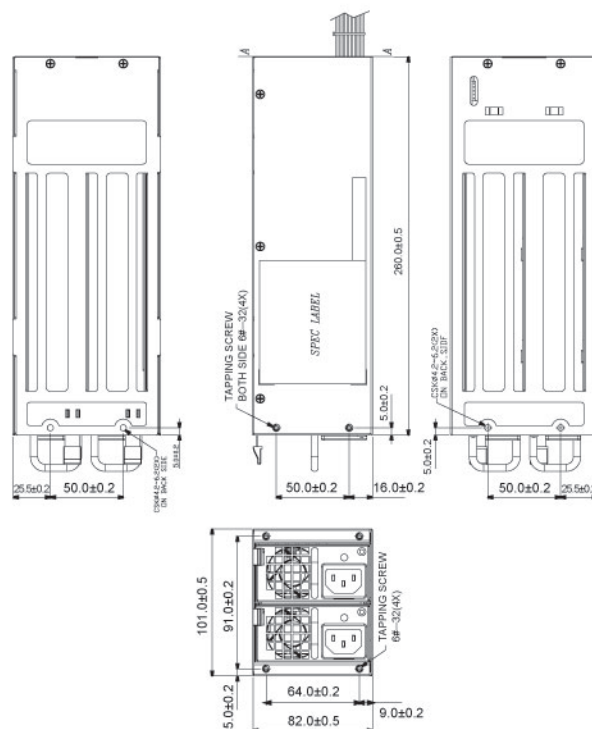
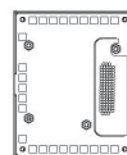
- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



* Redundant Module : YM-2681HxR

Specifications

Total Output	680W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	80A max at 115V , 8A max at 230V
Inrush Current	115 V / 230 V, No damage
Power Factor	> 0.98 / 115V 60Hz, > 0.94 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 22A ~ 28A +5V : 22A ~ 28A +12V : 46.2A ~ 67A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	5.17 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	101.0 (W) x 82.0 (H) X 260.0 (L) mm
Operating Temperature	-20 to 50 °C
Operating Humidity	85 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	1.5 A	20 A		50mV p-p
+5 V	1 A	20 A		50mV p-p
+12 V	1 A	42 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0.1 A	6.0 A		50mV p-p



Features

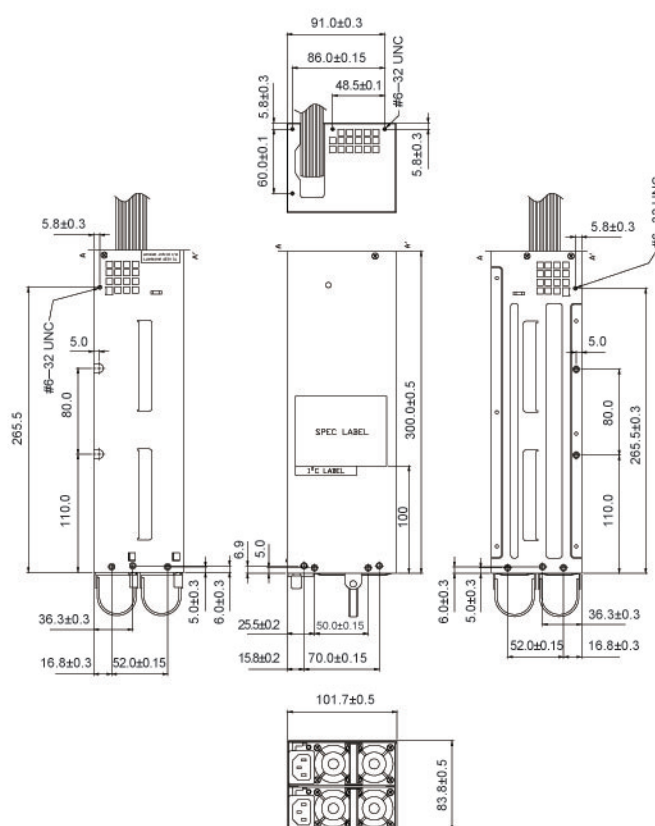
- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



* Redundant Module : YM-2721AxR

Specifications

Total Output	720W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	10A max at 115V , 5A max at 230V
Inrush Current	60A max at 115V, 100A max at 230V
Power Factor	> 0.95 / 115V 60Hz, > 0.90 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 18 mS / 115 V
Over Current Protection	+3.3V : 26.4A ~ 36A +5V : 33A ~ 45A +12V : 61.6A ~ 84A
Over Voltage Protection	+3.3V : 3.9V ~ 4.8V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 15.6V
Efficiency	≥ 80% at Max load of 115 ~ 230VAC
Power Density	4.61 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	101.7 (W) x 83.8 (H) X 300.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	85 % RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.1 A	24 A	+3.3 V, +5 V, +12 V, -12 V & +5VSB Combined Power ≤ 720 W	50mV p-p
+5 V	0.1 A	30 A		50mV p-p
+12 V	1 A	56 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0.1 A	3A		50mV p-p



Features

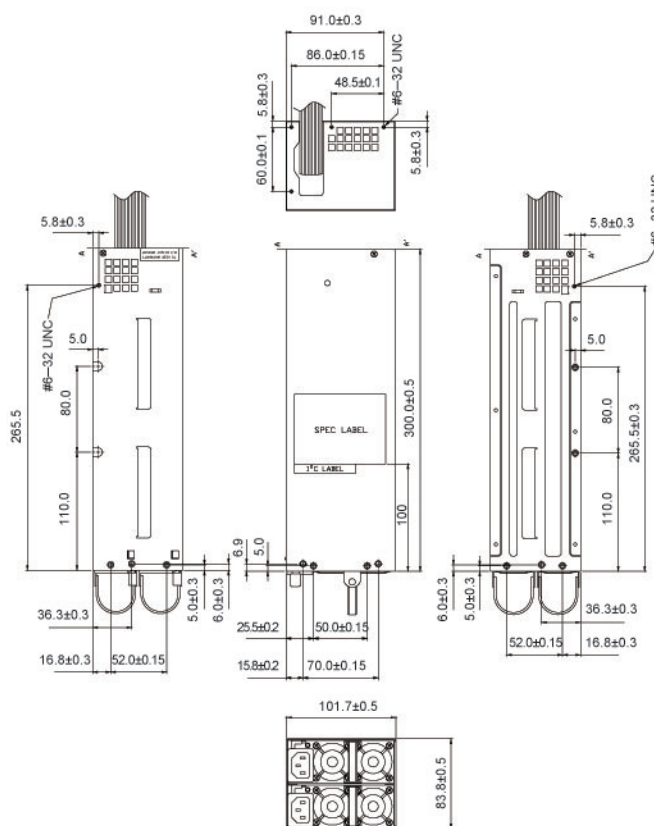
- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



* Redundant Module : YM-2721CxR

Specifications

Total Output	720W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	10A max at 115V , 5A max at 230V
Inrush Current	60A max at 115V, 100A max at 230V
Power Factor	> 0.95 / 115V 60Hz, > 0.90 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 26.4A ~ 36A +5V : 33A ~ 45A +12V : 61.6A ~ 84A
Over Voltage Protection	+3.3V : 3.9V ~ 4.8V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 15.6V
Efficiency	≥ 92% at Min load of 230VAC
Power Density	4.61 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	101.7 (W) x 83.8 (H) X 300.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	85 % RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.1 A	24 A	+3.3 V, +5 V, +12 V, -12 V & +5VSB Combined Power ≤ 720 W	50mV p-p
+5 V	0.1 A	30 A		50mV p-p
+12 V	1 A	56 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0.1 A	3A		50mV p-p



Features

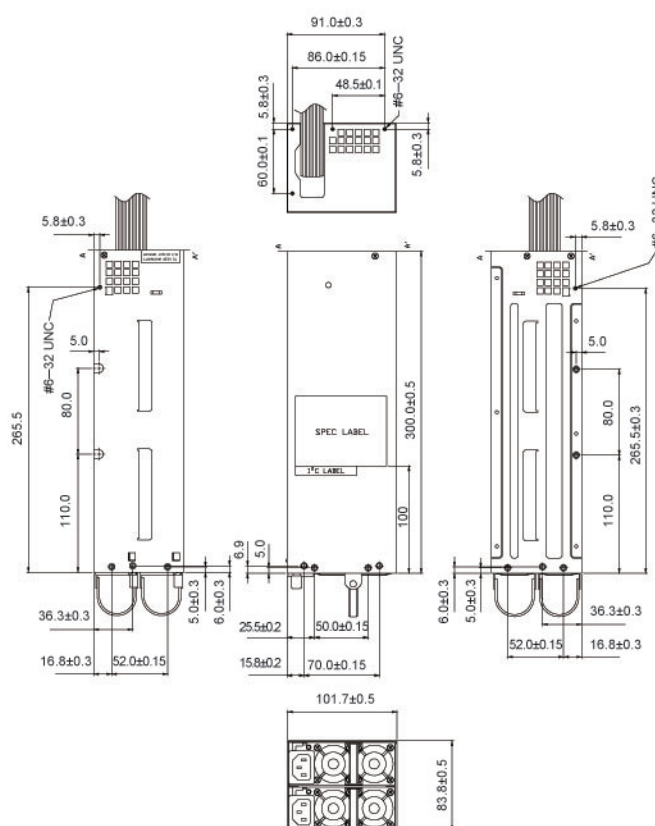
- **Protections : Over current/Over Voltage/Over Temperature**
- **Smart monitoring PSMI and PMBus**
- **Front panel LED to Indicate Power Status**



* Redundant Module : YM-2821AxR

Specifications

Total Output	820W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	12A max at 115V, 6A max at 230V
Inrush Current	60A max at 115V, 100A max at 230V
Power Factor	> 0.95 / 115 V 60Hz, > 0.90 / 230 V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 18 mS/115V
Over Current Protection	+3.3V : 26.4A ~ 36A +5V : 33A ~ 45A +12V : 70.4A ~ 96A
Over Voltage Protection	+3.3V : 3.9V ~ 4.8V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 15.6V
Efficiency	≥ 80% at Max load of 115 ~ 230VAC
Power Density	5.26W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	101.7 (W) x 83.8 (H) X 300.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	85 % RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.1 A	24 A	+3.3 V, +5 V, +12 V, -12 V & 5VSB Combined Power ≤ 820 W	50mV p-p
+5 V	0.1 A	30 A		50mV p-p
+12 V	1 A	64 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0.1 A	3 A		50mV p-p



PSMI



PMBUS

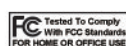


80 PLUS



Features

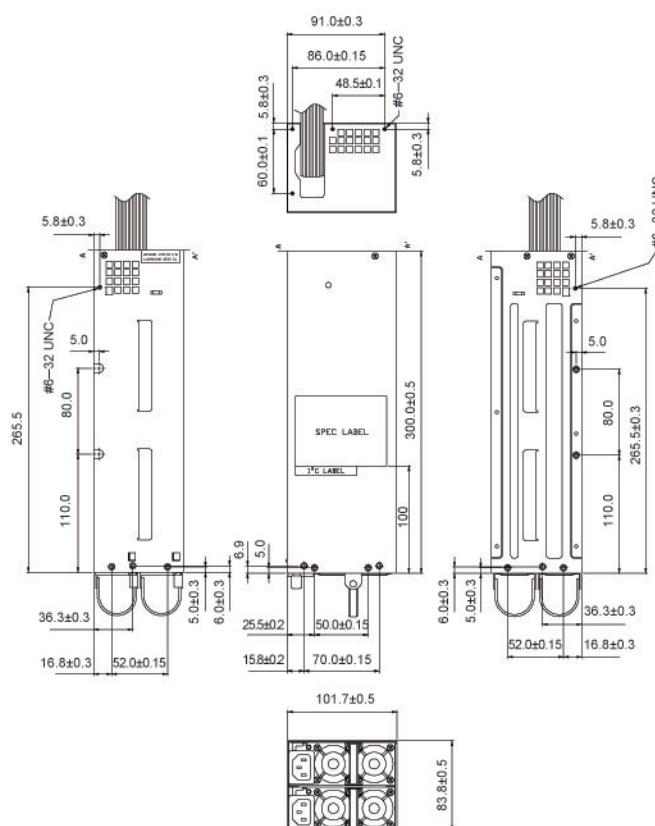
- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



* Redundant Module : YM-2821Fxr

Specifications

Total Output	820W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	12A max at 115V, 6A max at 230V
Inrush Current	60A max at 115V, 100A max at 230V
Power Factor	> 0.95 / 115 V 60Hz, > 0.90 / 230 V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS/115V
Over Current Protection	+3.3V : 26.4A ~ 36A +5V : 33A ~ 45A +12V : 70.4A ~ 96A
Over Voltage Protection	+3.3V : 3.9V ~ 4.8V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 15.6V
Efficiency	≥ 92% at Min load of 230VAC
Power Density	5.26W/in3
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	101.7 (W) x 83.8 (H) X 300.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	85 % RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.1 A	24 A	+3.3 V, +5 V, +12 V, -12 V & 5VSB Combined Power ≤ 820 W	50mV p-p
+5 V	0.1 A	30 A		50mV p-p
+12 V	1 A	64 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0.1 A	3 A		50mV p-p



Features

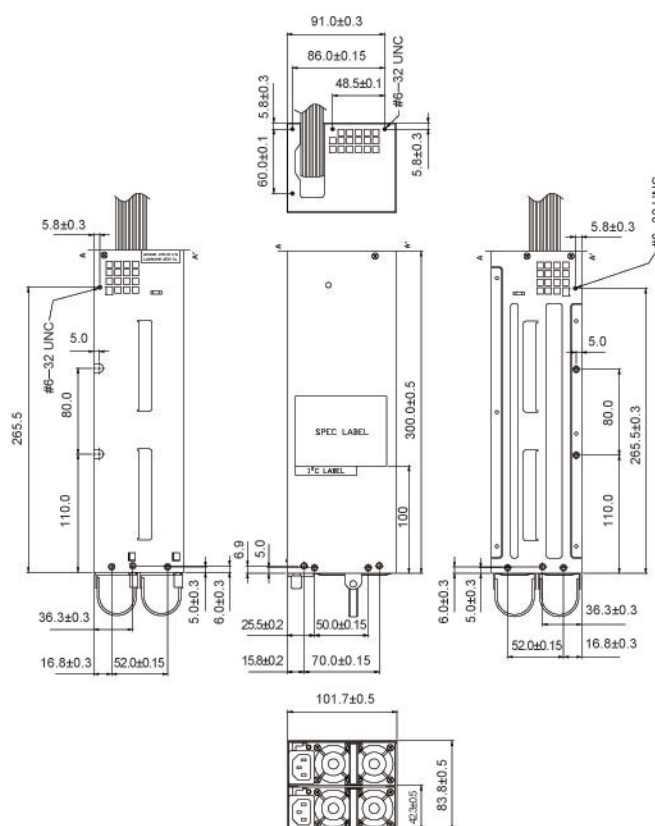
- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



* Redundant Module : YM-2102BxR

Specifications

Total Output	1000W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	15A max at 115V , 7.5A max at 230V
Inrush Current	60A max at 115V, 100A max at 230V
Power Factor	> 0.95 / 115V 60Hz, > 0.90 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 26.4A ~ 36A +5V : 33A ~ 45A +12V : 86.9A ~ 118.5A
Over Voltage Protection	+3.3V : 3.9V ~ 4.8V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 15.6V
Efficiency	≥ 80% at Max load of 115 ~ 230VAC
Power Density	6.41 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	101.7 (W) x 83.8 (H) X 300.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	85 % RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.1 A	24 A	+3.3 V, +5 V, +12 V, -12 V & +5VSB Combined Power ≤ 1000 W	50mV p-p
+5 V	0.1 A	30 A		50mV p-p
+12 V	1 A	79 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0.1 A	3A		50mV p-p

PSMI
System Management
Interface Forum

PMBUS

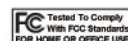


80 PLUS



Features

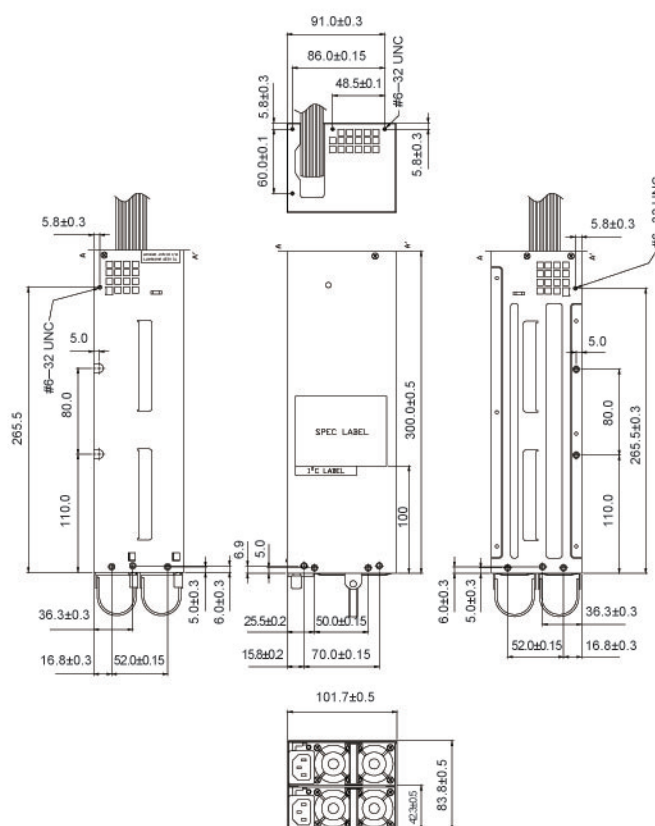
- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



* Redundant Module : YM-2102FxR

Specifications

Total Output	1000W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	15A max at 115V , 7.5A max at 230V
Inrush Current	60A max at 115V, 100A max at 230V
Power Factor	> 0.95 / 115V 60Hz, > 0.90 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 26.4A ~ 36A +5V : 33A ~ 45A +12V : 86.9A ~ 118.5A
Over Voltage Protection	+3.3V : 3.9V ~ 4.8V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 15.6V
Efficiency	≥ 92% at Mid load of 230VAC
Power Density	6.41 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	101.7 (W) x 83.8 (H) X 300.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	85 % RH, Non-condensing
Storage Temperature	-40 °C to +70 °C

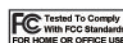


Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.1 A	24 A	+3.3 V, +5 V, +12 V, -12 V & +5VSB Combined Power ≤ 1000 W	50mV p-p
+5 V	0.1 A	30 A		50mV p-p
+12 V	1 A	79 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0.1 A	6A		50mV p-p



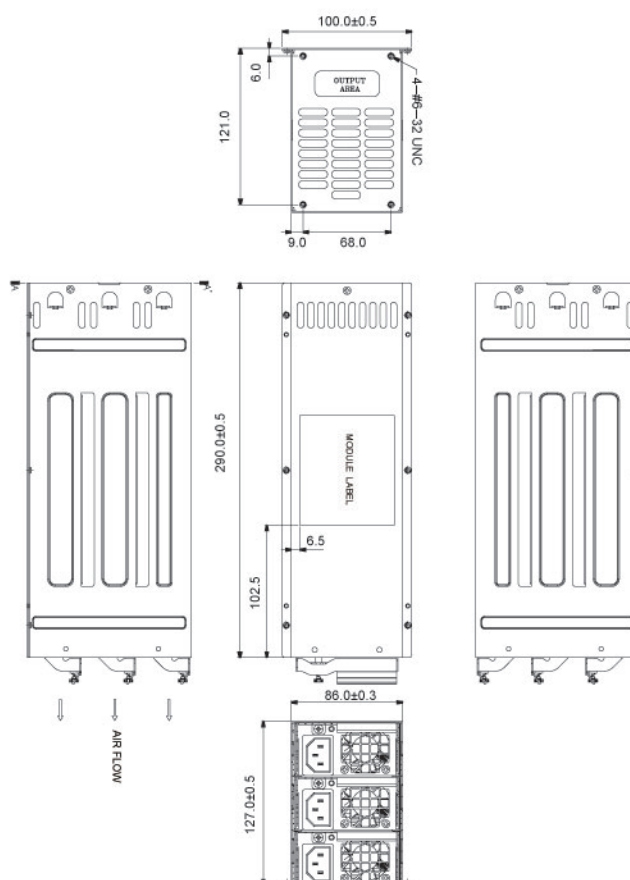
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Multiple configurations



Specifications

Total Output	760W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	14A max at 115V , 8A max at 230V
Inrush Current	50A max at 115V, 100A max at 230V
Power Factor	> 0.95 / 115V 60Hz, > 0.93 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 20 mS / 115 V
Over Current Protection	+3.3V : 39.6A ~ 54A +5V : 39.6A ~ 54A +12V1-2 : 19.8A ~ 27A +12V3-4 : 20.9A ~ 28.5A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 60\%$ at Max load of 115 ~ 230VAC
Power Density	3.93 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	86.0 (W) x 127.0 (H) X 290.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	36 A	Combined +3.3 V & +5 V Power ≤ 200 W	50mV p-p
+5 V	0.5 A	36 A		50mV p-p
+12 V1	0.2 A	18 A		120mV p-p
+12 V2	0.2 A	18 A		120mV p-p
+12 V3	0.2 A	19 A	Combined current +12 V1-4 ≤ 50 A	120mV p-p
+12 V4	0.2 A	19 A		120mV p-p
-12 V	0 A	1 A		120mV p-p
+5 VSB	0.1 A	3.5 A		50mV p-p



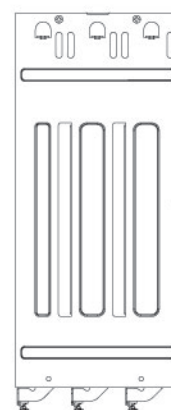
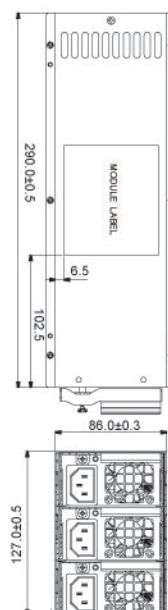
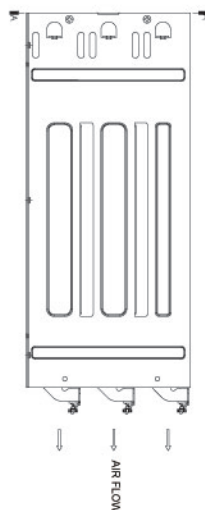
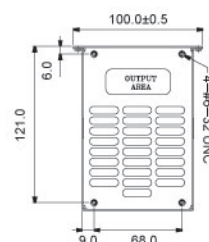
Features

- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Multiple configurations



Specifications

Total Output	840W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	14A max at 115V, 8A max at 230V
Inrush Current	60A max at 110V, 120A max at 230V
Power Factor	> 0.95 / 115 V 60Hz, > 0.93 / 230 V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 20 mS/115V
Over Current Protection	+3.3V : 39.6A ~ 54A +5V : 39.6A ~ 54A +12V1-2 : 19.8A ~ 27A +12V3-4 : 20.9A ~ 28.5A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 65\%$ at Max load of 115 ~ 230VAC
Power Density	4.35 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	86.0 (W) x 127.0 (H) X 290.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	36 A	Combined +3.3 V & +5 V Power ≤ 200 W	50mV p-p
+5 V	0.5 A	36 A		50mV p-p
+12 V1	0.2 A	18 A		120mV p-p
+12 V2	0.2 A	18 A		120mV p-p
+12 V3	0.2 A	19 A	Combined current +12 V1-4 ≤ 50 A	120mV p-p
+12 V4	0.2 A	19 A		120mV p-p
-12 V	0 A	1 A		120mV p-p
+5 VSB	0.1 A	3.5 A		50mV p-p



Features

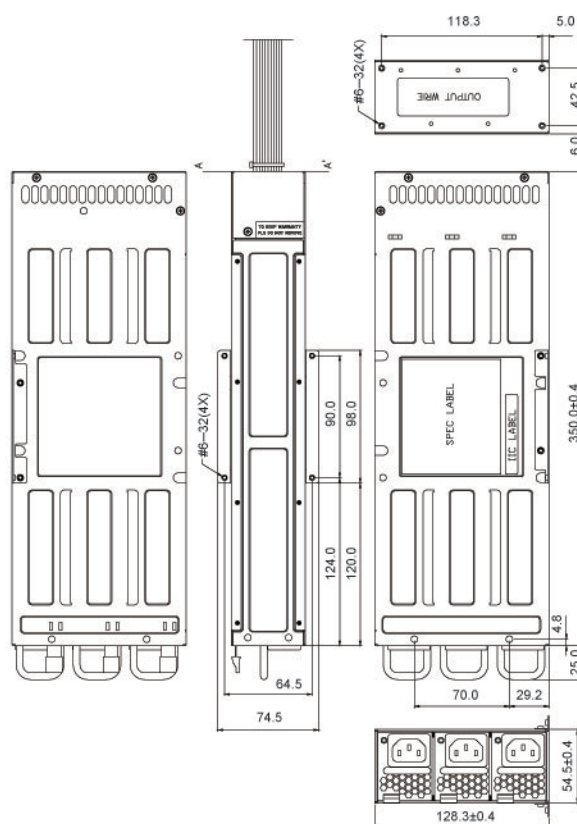
- Protections : Over current/Over Voltage/Over Temperature
- Smart monitoring PSMI and PMBus
- Front panel LED to Indicate Power Status



* Redundant Module : YM-2451CxR

Specifications

Total Output	900W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	10A max at 115V , 5A max at 230V
Inrush Current	40A max at 115V, 60A max at 230V
Power Factor	> 0.98 / 115V 60Hz, > 0.94 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 17 mS / 115 V
Over Current Protection	+3.3V : 26.4A ~ 36A +5V : 26.4A ~ 36A +12V : 21.67A ~ 29.55A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	6.03 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	54.5 (W) x 128.3 (H) X 350.0 (L) mm
Operating Temperature	-5 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	1.5 A	24 A	Combined +3.3 V & +5 V Power ≤ 170 W	50mV p-p
+5 V	1 A	24 A		50mV p-p
+12 V1	0.5 A	19.7 A		120mV p-p
+12 V2	0.5 A	19.7 A		120mV p-p
+12 V3	1 A	19.7 A	+3.3 V, +5 V & +12V1-3	120mV p-p
-12 V	0 A	0.5 A	Combined Max Power ≤ 878 W	120mV p-p
+5 VSB	0.15 A	3A		50mV p-p



Features

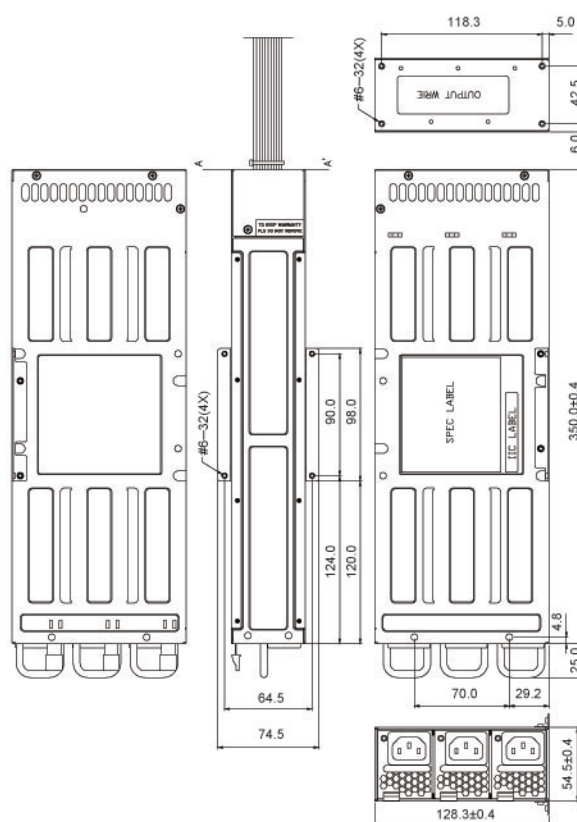
- **Protections : Over current/Over Voltage/Over Temperature**
- **Smart monitoring PSMI and PMBus**
- **Front panel LED to Indicate Power Status**



* Redundant Module : YM-2651BxR

Specifications

Total Output	1300W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	8A max at 115V, 4A max at 230V
Inrush Current	40A max at 110V, 60A max at 230V
Power Factor	> 0.98 / 115 V 60Hz, > 0.94 / 230 V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 17 mS/115V
Over Current Protection	+3.3V : 26.4A ~ 36A +5V : 26.4A ~ 36A +12V : 33.88A ~ 46.2A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 115 ~ 230VAC
Power Density	8.70 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	54.5 (W) x 128.3 (H) X 350.0 (L) mm
Operating Temperature	0 to 25 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	1.5 A	24 A	Combined +3.3 V & +5 V Power $\leq 170W$	50mV p-p
+5 V	1 A	24 A		50mV p-p
+12 V1	0.5 A	30.8 A		120mV p-p
+12 V2	0.5 A	30.8 A		120mV p-p
+12 V3	1 A	30.8 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0.15 A	3 A		50mV p-p



Features

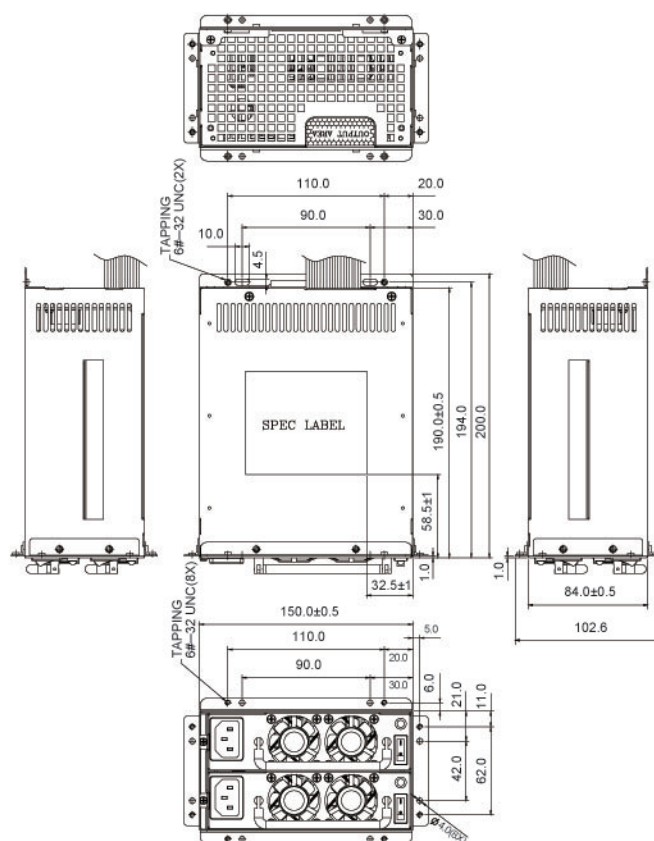
- **Protections : Over current/Over Voltage/Over Temperature**
- **Front panel LED to Indicate Power Status**
- **Power Fault Alarm Signals**



* Redundant Module : YM-6351QxR

Specifications

Total Output	350W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	6A max at 115V , 3A max at 230V
Inrush Current	50A max at 115V, 60A max at 230V
Power Factor	> 0.95 / 115V 60Hz, > 0.90 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 22A ~ 30A +5V : 27.5A ~ 37.5A +12V : 26.4A ~ 36A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Efficiency	≥ 80% at Max load of 115 ~ 230VAC
Power Density	2.40 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	150.0 (W) x 84.0 (H) X 190.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-20 °C to +80 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	20 A	Combined +3.3 V & +5 V Power ≤ 150 W	50mV p-p
+5 V	0.5 A	25 A		50mV p-p
+12 V	1 A	24 A		120mV p-p
-12 V	0 A	0.8 A		120mV p-p
-5 V	0 A	0.5 A	Combined +3.3 V, +5 V, +12 V, -12 V & +5VSB Power ≤ 350 W	120mV p-p
+5 VS	0 A	4 A		50mV p-p



Features

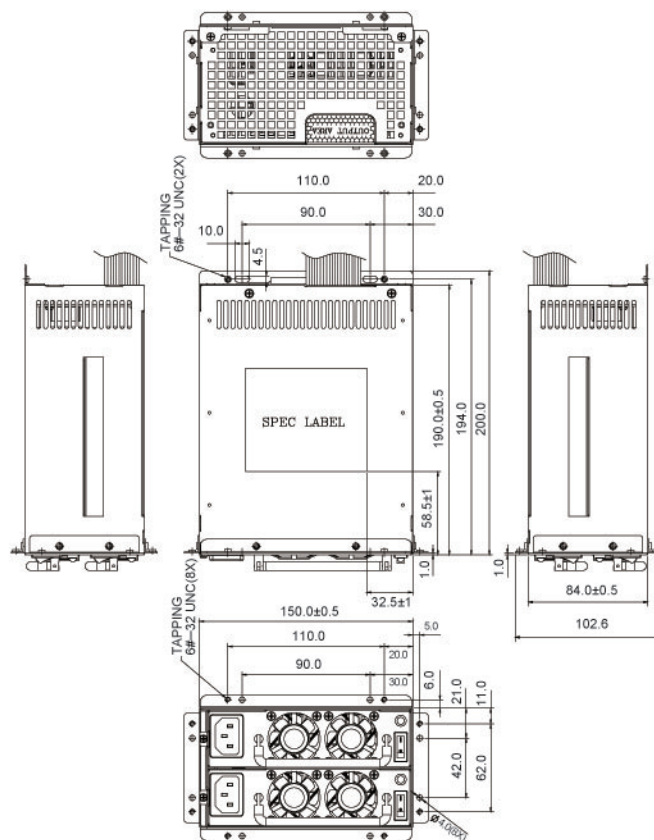
- **Protections : Over current/Over Voltage/Over Temperature**
- **Front panel LED to Indicate Power Status**
- **Power Fault Alarm Signals**



* Redundant Module : YM-6451CxR

Specifications

Total Output	450W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	8A max at 115V , 4A max at 230V
Inrush Current	50A max at 115V, 60A max at 230V
Power Factor	> 0.95 / 115V 60Hz, > 0.90 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 22A ~ 30A +5V : 27.5A ~ 37.5A +12V : 38.5A ~ 52.5A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Efficiency	≥ 80% at Max load of 115 ~ 230VAC
Power Density	3.08 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	150.0 (W) x 84.0 (H) X 190.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-20 °C to +80 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	20 A	Combined +3.3 V & +5 V Power ≤ 150 W	50mV p-p
+5 V	0.5 A	25 A		50mV p-p
+12 V	1 A	35 A		120mV p-p
-12 V	0 A	0.8 A	Combined +3.3 V, +5 V, +12 V, -12 V & +5VSB Power ≤ 450 W	120mV p-p
-5 V	0 A	0.5 A		120mV p-p
+5 VSB	0 A	4 A		50mV p-p



Features

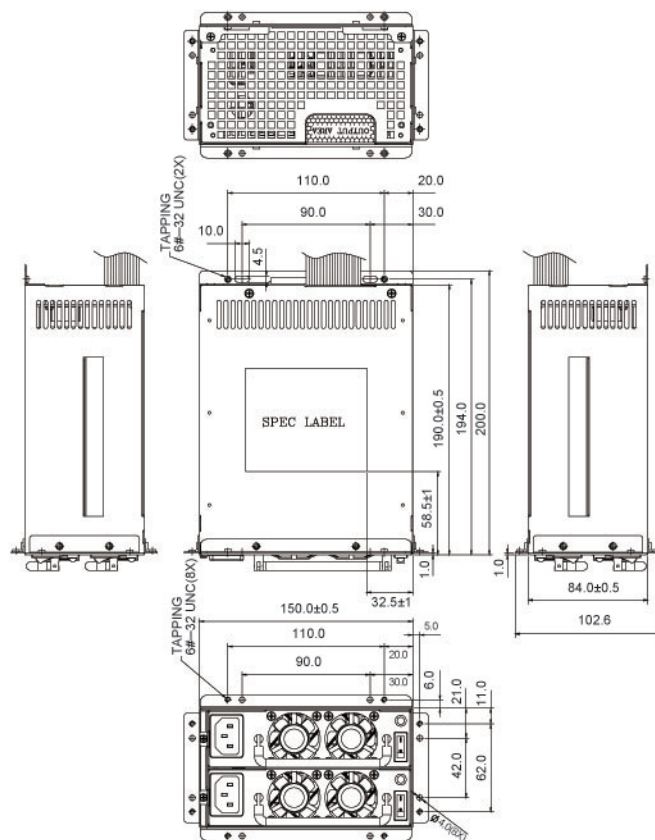
- **Protections : Over current/Over Voltage/Over Temperature**
- **Front panel LED to Indicate Power Status**
- **Power Fault Alarm Signals**



* Redundant Module : YM-6501KxR

Specifications

Total Output	500W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	8A max at 115V , 4A max at 230V
Inrush Current	50A max at 115V, 60A max at 230V
Power Factor	> 0.95 / 115V 60Hz, > 0.90 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 22A ~ 30A +5V : 27.5A ~ 37.5A +12V : 44A ~ 60A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Efficiency	≥ 80% at Max load of 115 ~ 230VAC
Power Density	3.42 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	150.0 (W) x 84.0 (H) X 190.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-20 °C to +80 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	20 A	Combined +3.3 V & +5 V Power ≤ 150 W	50mV p-p
+5 V	0.5 A	25 A		50mV p-p
+12 V	1 A	40 A		120mV p-p
-12 V	0 A	0.8 A	Combined +3.3 V, +5 V, +12 V, -12 V & +5VSB Power ≤ 500 W	120mV p-p
-5 V	0 A	0.5 A		120mV p-p
+5 VS	0 A	4 A		50mV p-p



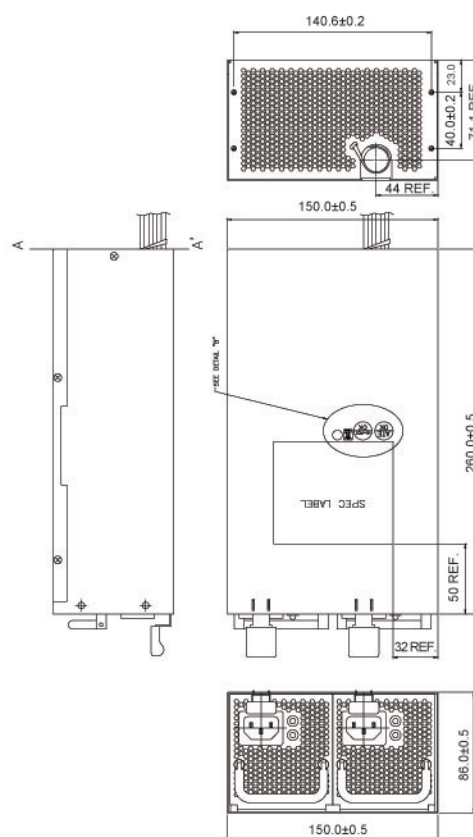
Features

- Protections : Over current/Over Voltage/Over Temperature
- Front panel LED to Indicate Power Status
- Current share with O-ring diodes



Specifications

Total Output	500W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	10A max at 115V , 5A max at 230V
Inrush Current	55A max at 115V, 55A max at 230V
Power Factor	> 0.98 / 115V 60Hz, > 0.95 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 20 mS / 115 V
Over Current Protection	+3.3V : 3.9V ~ 4.8V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 15.6V
Over Voltage Protection	+3.3V : 26.4A ~ 36A +5V : 26.4A ~ 36A +12V1-4 : 17.5A ~ 20A
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 70\%$ at Max load of 115 ~ 230VAC
Power Density	2.44 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	150.0 (W) x 86.0 (H) X 260.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 95 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	24 A	Combined +3.3 V & +5 V Power ≤ 140 W	50mV p-p
+5 V	0.5 A	24 A		50mV p-p
+12 V1	0.5 A	15 A		120mV p-p
+12 V2	0.5 A	15 A		120mV p-p
+12 V3	0.5 A	15 A	Combined +12V1-4 Current ≤ 36 A	120mV p-p
+12 V4	0.5 A	15 A		120mV p-p
-12 V	0 A	0.3 A		120mV p-p
+5 VSB	0.1 A	3 A		50mV p-p



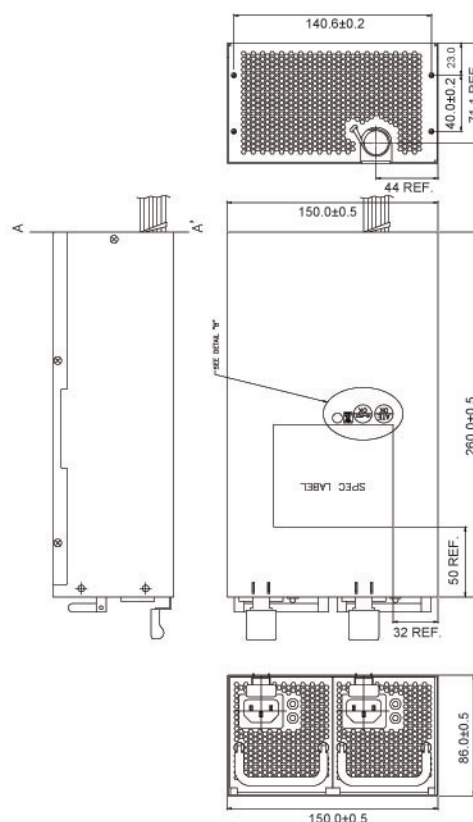
Features

- **Protections : Over current/Over Voltage/Over Temperature**
- **Front panel LED to Indicate Power Status**
- **Current share with O-ring diodes**

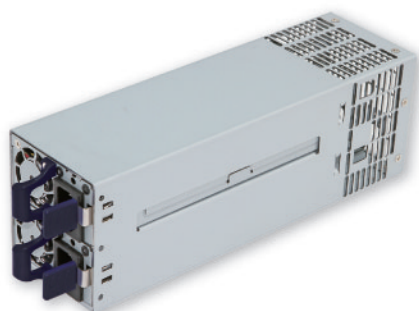


Specifications

Total Output	620W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	10A max at 115V, 5A max at 230V
Inrush Current	55A max at 110V, 55A max at 230V
Power Factor	> 0.95 / 115 V 60Hz, > 0.93 / 230 V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 20 mS/115V
Over Current Protection	+3.3V : 3.9V ~ 4.8V +5V : 5.7V ~ 6.5V +12V : 13.4V ~ 15.6V
Over Voltage Protection	+3.3V : 26.4A ~ 36A +5V : 26.4A ~ 36A +12V1-4 : 17.5A ~ 20A
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 70\%$ at Max load of 115 ~ 230VAC
Power Density	3.03 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	150.0 (W) x 86.0 (H) X 260.0 (L) mm
Operating Temperature	0 to 45 °C
Operating Humidity	5 - 95 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	1.5 A	24 A	Combined +3.3 V & +5 V Power ≤ 140 W	50mV p-p
+5 V	1 A	24 A		50mV p-p
+12 V1	0.5 A	16 A		120mV p-p
+12 V2	0.5 A	16 A		120mV p-p
+12 V3	1 A	16 A	Combined +12V1-4 Current ≤ 48 A	120mV p-p
+12 V4	0.5 A	16 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	1 A	3 A		50mV p-p



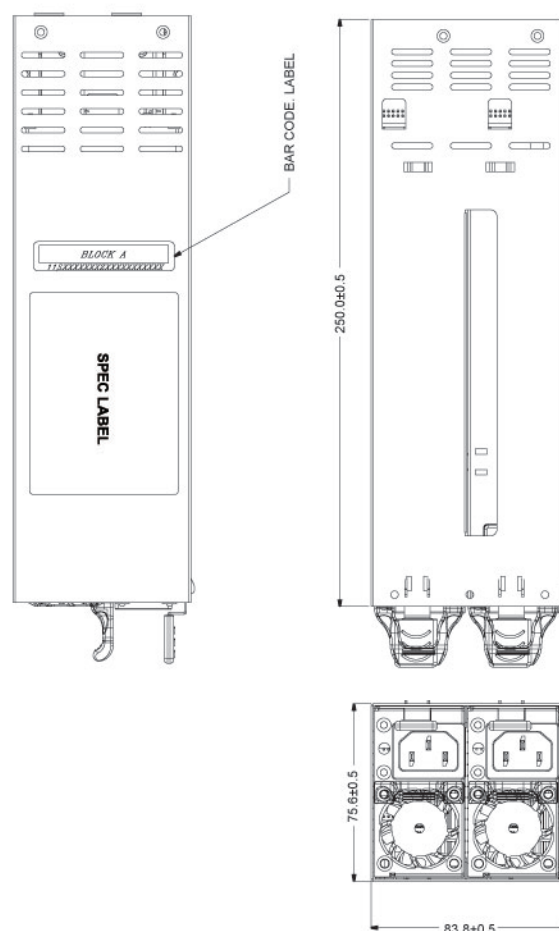
Features

- Protections : Over current/Over Voltage/Over Temperature
- Front panel LED to Indicate Power Status
- Power Fault Alarm Signals

* Redundant Module : YM-2701AxR

Specifications

Total Output	700W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	8A max at 115V , 4A max at 230V
Inrush Current	50A max at 264V
Power Factor	> 0.98 / 115V 60Hz, > 0.93 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 27.5A ~ 37.5A +5V : 27.5A ~ 37.5A +12V : 67.2A ~ 84A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V +5VSB : 5.7V ~ 6.5V
Efficiency	≥ 92% at Min load of 230VAC
Power Density	7.24 W/in3
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	75.6 (W) x 83.8 (H) X 250.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	25 A		50mV p-p
+5 V	0.5 A	25 A		50mV p-p
+12 V	0.5 A	56 A		120mV p-p
-12 V	0 A	0.3 A		120mV p-p
+5 VSB	0 A	5 A		50mV p-p



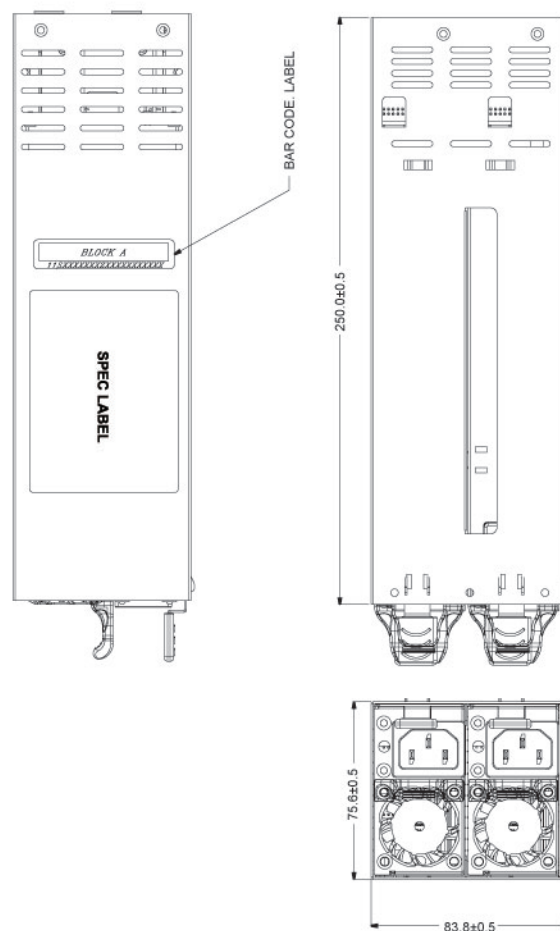
Features

- **Protections : Over current/Over Voltage/Over Temperature**
- **Front panel LED to Indicate Power Status**
- **Power Fault Alarm Signals**

* **Redundant Module : YM-2801BxR**

Specifications

Total Output	800W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	10A max at 115V , 5A max at 230V
Inrush Current	60A max at 264V
Power Factor	> 0.98 / 115V 60Hz, > 0.93 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 16 mS / 115 V
Over Current Protection	+3.3V : 27.5A ~ 37.5A +5V : 27.5A ~ 37.5A +12V : 76.8A ~ 96A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V +5VSB : 5.7V ~ 6.5V
Efficiency	≥ 92% at Mid load of 230VAC
Power Density	8.28 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	75.6 (W) x 83.8 (H) X 250.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.5 A	25 A		50mV p-p
+5 V	0.5 A	25 A		50mV p-p
+12 V	0.5 A	64 A		120mV p-p
-12 V	0 A	0.3 A		120mV p-p
+5 VS	0 A	5 A		50mV p-p

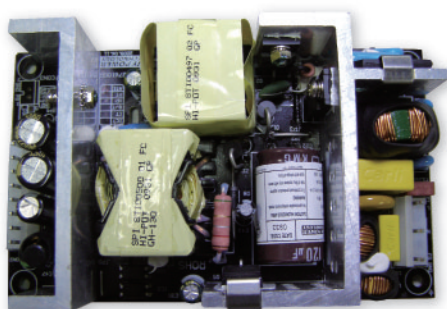


Open Frame 3" X 5"

YM-1101EAR



High Efficiency



Features

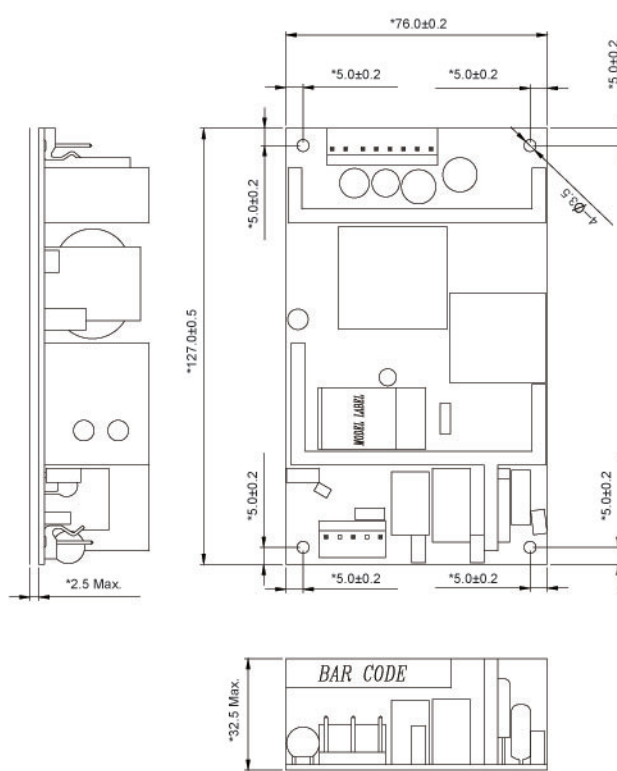
- Protections : Over current/Over Voltage/Over Temperature
- Power Factor Correction meets EN-61000-3-2
- Low-profile height fits 1U constraints



CB

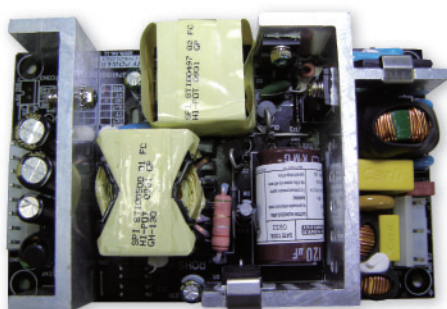
Specifications

Total Output	100W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	2A max at 115V , 1A max at 230V
Inrush Current	40A max at 115V, 80A max at 230V
Power Factor	> 0.98 / 115V 60Hz, > 0.95 / 230V 50Hz
Earth Leakage Current	3.0mA max at 264VAC / 50Hz
Hold Up Time	> 25 mS / 115 V
Over Voltage Protection	+12V : 115 ~ 150%, crowbar, automatic recovery
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Overload Protection	Power limit-within 115 ~ 160% of total power
Efficiency	$\geq 85\%$ at Max load of 115 ~ 230VAC
Power Density	5.29 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	127.0 (W) x 32.0 (H) X 76.2 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	0 A	8.33 A		120mV p-p

Open Frame 3" X 5" | YM-1101BBR



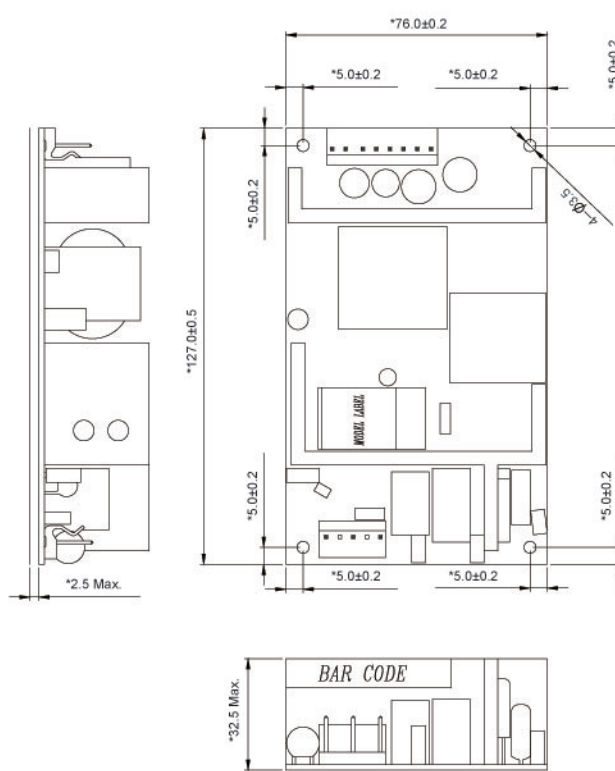
Features

- Protections : Over current/Over Voltage/Over Temperature
- Front panel LED to Indicate Power Status
- Power Fault Alarm Signals



Specifications

Total Output	100W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	2A max at 115V , 1A max at 230V
Inrush Current	40A max at 115V, 80A max at 230V
Power Factor	> 0.98 / 115V 60Hz, > 0.95 / 230V 50Hz
Earth Leakage Current	3.0mA max at 264VAC / 50Hz
Hold Up Time	> 20 mS / 115 V
Over Voltage Protection	+24V : 115 ~ 150%, crowbar, automatic recovery
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Overload Protection	Power limit-within 115 ~ 160% of total power
Efficiency	$\geq 85\%$ at Max load of 115 ~ 230VAC
Power Density	5.29 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	127.0 (W) x 32.0 (H) X 76.2 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+24 V	0 A	4.16 A		250mV p-p

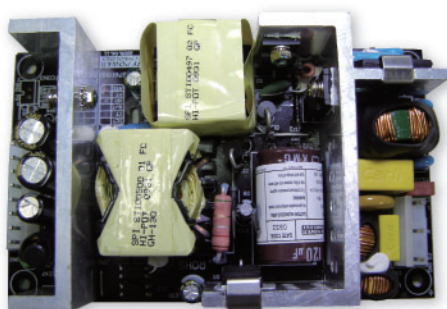


Open Frame 3" X 5"

YM-1101CBR



High Efficiency



Features

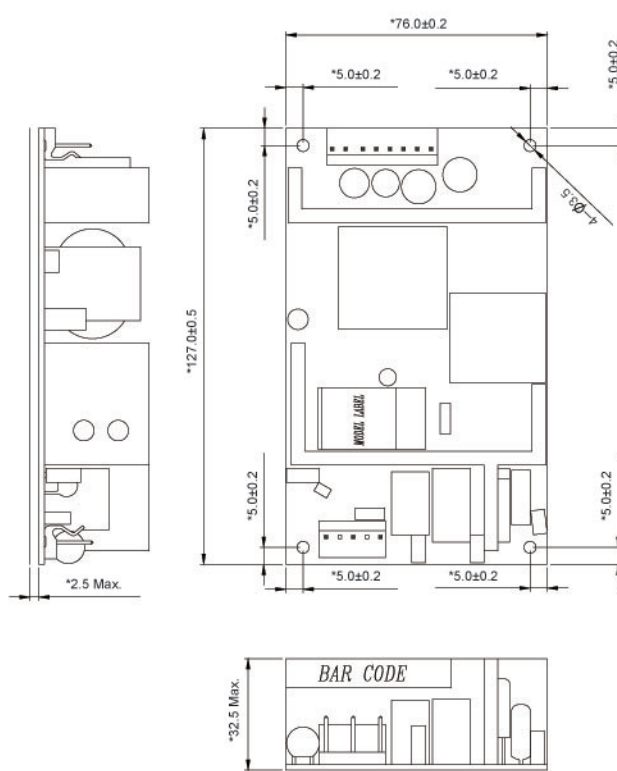
- Protections : Over current/Over Voltage/Over Temperature
- Power Factor Correction meets EN-61000-3-2
- Low-profile height fits 1U constraints



CB

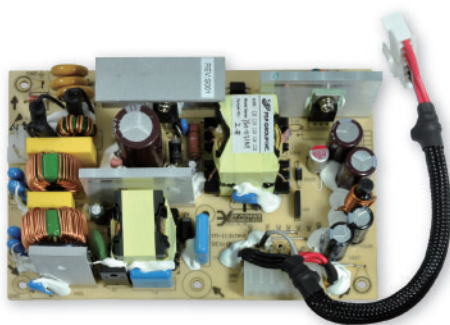
Specifications

Total Output	100W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	2A max at 115V , 1A max at 230V
Inrush Current	40A max at 115V, 80A max at 230V
Power Factor	> 0.98 / 115V 60Hz, > 0.95 / 230V 50Hz
Earth Leakage Current	3.0mA max at 264VAC / 50Hz
Hold Up Time	> 15 mS / 115 V
Over Voltage Protection	+48V : 110 ~ 130%, crowbar, automatic recovery
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Overload Protection	Power limit-within 120 ~ 180% of total power
Efficiency	$\geq 86\%$ at Max load of 115 ~ 230VAC
Power Density	5.29 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	127.0 (W) x 32.0 (H) X 76.2 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+48 V	0 A	2.09 A		200mV p-p

Open Frame 4" X 6" | YM-1131MAR



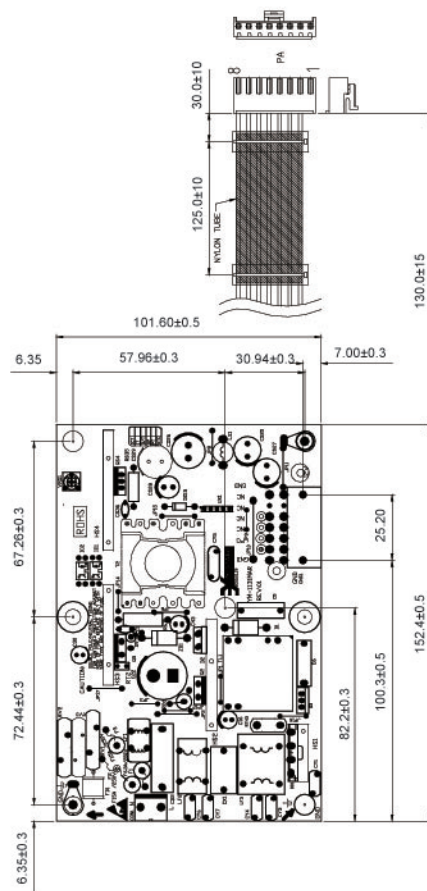
Features

- Protections : Over current/Over Voltage/Over Temperature
- Power Factor Correction meets EN-61000-3-2
- Low-profile height fits 1U constraints



Specifications

Total Output	126W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	1.8A max at 115V , 0.9A max at 230V
Inrush Current	32.5A max at 115V, 65A max at 230V
Power Factor	> 0.90 / 115V 60Hz, > 0.90 / 230V 50Hz
Earth Leakage Current	3.325mA max at 264VAC / 50Hz
Hold Up Time	> 10 mS / 115 V
Over Current Protection	+12V : 13.65A ~ 16.8A
Over Voltage Protection	+12V : 16V max.
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 85\%$ at Max load of 115 ~ 230VAC
Power Density	4.21 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	152.4 (W) x 31.7 (H) X 101.6 (L) mm
Operating Temperature	-5 to 60 °C
Operating Humidity	5 - 95 %, Non-condensing
Storage Temperature	-45 °C to +85 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	0 A	10.5 A		120mV p-p

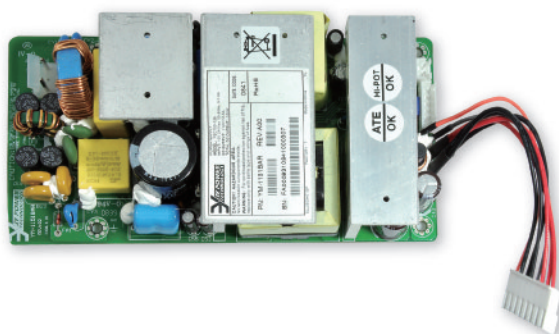


Open Frame 3" X 6"

YM-1151BAR



High Efficiency



Features

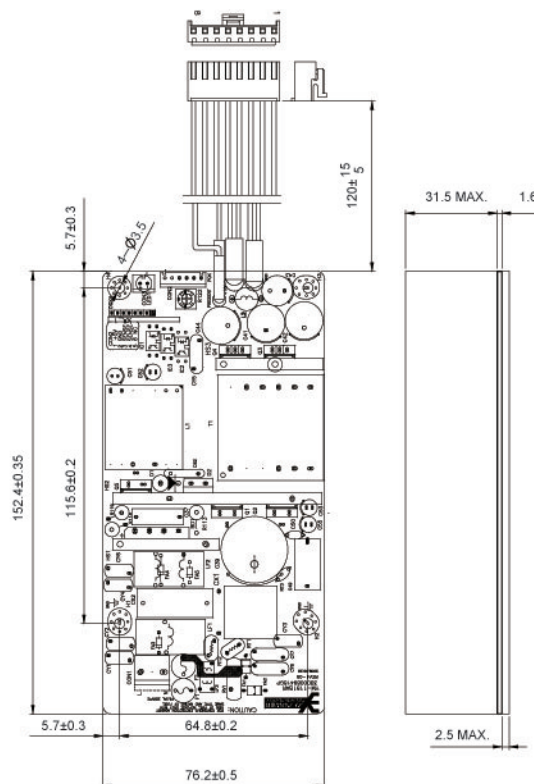
- Protections : Over current/Over Voltage/Over Temperature
- Power Factor Correction meets EN-61000-3-2
- Low-profile height fits 1U constraints



CB

Specifications

Total Output	150W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	2.4A max at 115V , 1.2A max at 230V
Inrush Current	35A max at 115V, 70A max at 230V
Power Factor	> 0.98 / 100V 60Hz, > 0.95 / 240V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 10 mS / 115 V
Over Current Protection	+12V : 15V ~ 20V
Over Voltage Protection	+12V : 13.4V ~ 16V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 86\%$ at Max load of 115 ~ 230VAC
Power Density	6.66 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	152.4 (W) x 31.8 (H) X 76.2 (L) mm
Operating Temperature	-25 to 55 °C
Operating Humidity	10 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	0 A	12.5 A		120mV p-p

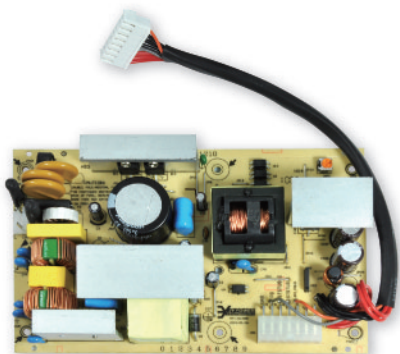


Open Frame 4" X 7"

YM-1161DAR



High Efficiency



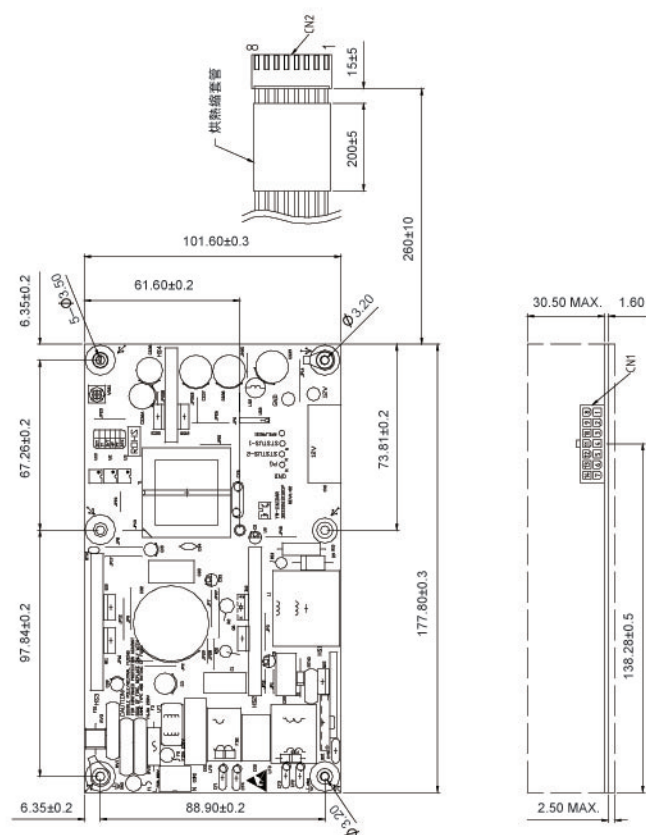
Features

- Protections : Over current/Over Voltage/Over Temperature
- Power Factor Correction meets EN-61000-3-2
- Low-profile height fits 1U constraints

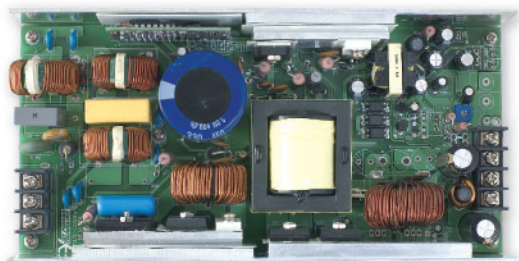


Specifications

Total Output	174W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	2.8A max at 115V , 1.4 max at 230V
Inrush Current	30A max at 115V, 60A max at 230V
Power Factor	> 0.98 / 115V 60Hz, > 0.96 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 20 mS / 115 V
Over Current Protection	+12V : 15.6A ~ 20A
Over Voltage Protection	+12V : 14V ~ 16V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 85\%$ at Max load of 115 ~ 230VAC
Power Density	4.96 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	177.8 (W) x 31.8 (H) X 101.6 (L) mm
Operating Temperature	-10 to 60 °C
Operating Humidity	5 - 95 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12.4 V	0 A	14 A		120mV p-p

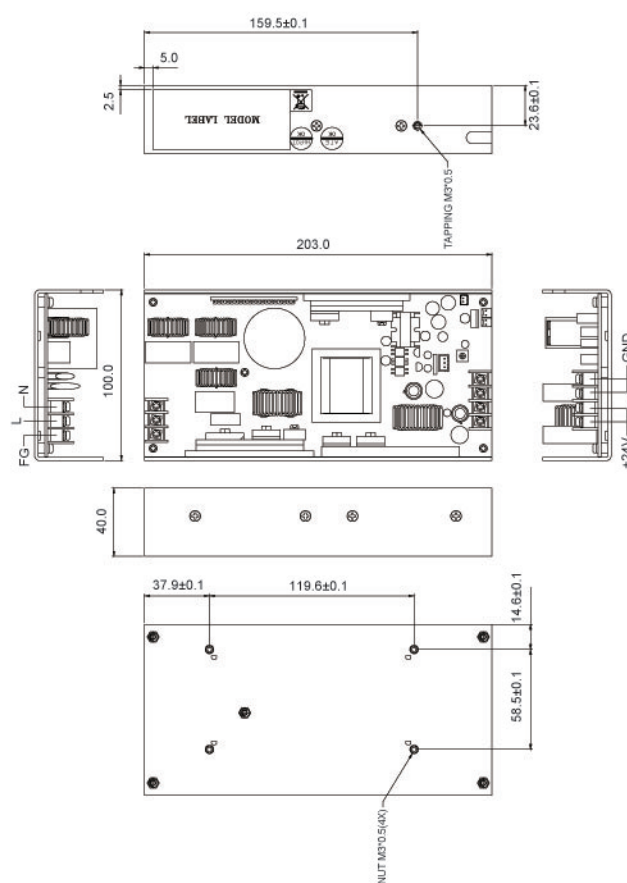


Features

- Protections : Over current/Over Voltage/Over Temperature
- Power Factor Correction meets EN-61000-3-2
- Low-profile height fits 1U constraints

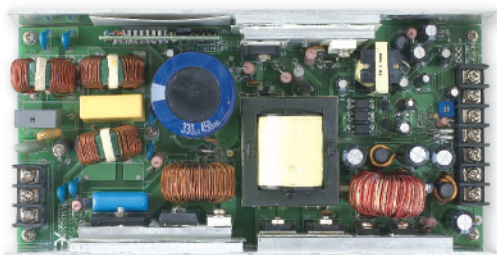
Specifications

Total Output	325W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	2.4A max at 115V , 1.2A max at 230V
Inrush Current	35A max at 115V, 70A max at 230V
Power Factor	> 0.97 / 115V 60Hz, > 0.95 / 230V 50Hz
Earth Leakage Current	0.15mA max at 264VAC / 50Hz
Hold Up Time	> 15 mS / 115 V
Over Current Protection	+24V : 16.32A ~ 20.4A
Over Voltage Protection	+24V : 26.4V ~ 31.2V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 75\%$ at Max load of 115 ~ 230VAC
Power Density	6.56 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	203.0 (W) x 40.0 (H) X 100.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+24 V	0.3 A	13.6 A		240mV p-p

Open Frame 4" X 8" | YM-2351CAR

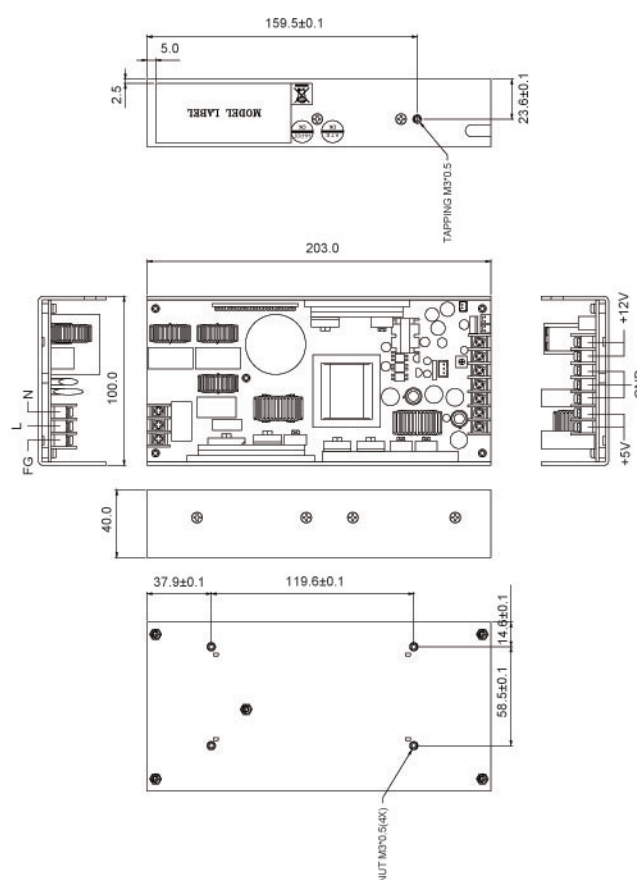


Features

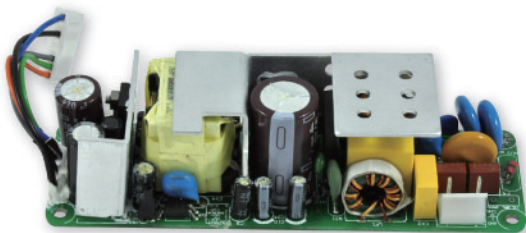
- Protections : Over current/Over Voltage/Over Temperature
- Power Factor Correction meets EN-61000-3-2
- Low-profile height fits 1U constraints

Specifications

Total Output	325W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	2.8A max at 115V , 1.4 max at 230V
Inrush Current	100A max at 115V, 100A max at 230V
Power Factor	> 0.97 / 115V 60Hz, > 0.95 / 230V 50Hz
Earth Leakage Current	0.15mA max at 264VAC / 50Hz
Hold Up Time	> 17 mS / 115 V
Over Current Protection	+5V : 27.5A ~ 37.5A +12V : 30A max.
Over Voltage Protection	+5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Efficiency	≥ 70% at Max load of 115 ~ 230VAC
Power Density	6.56 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	203.0 (W) x 40.0 (H) X 100.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+5 V	0.5 A	19 A		50mV p-p
+12 V	0.3 A	19.2 A		120mV p-p



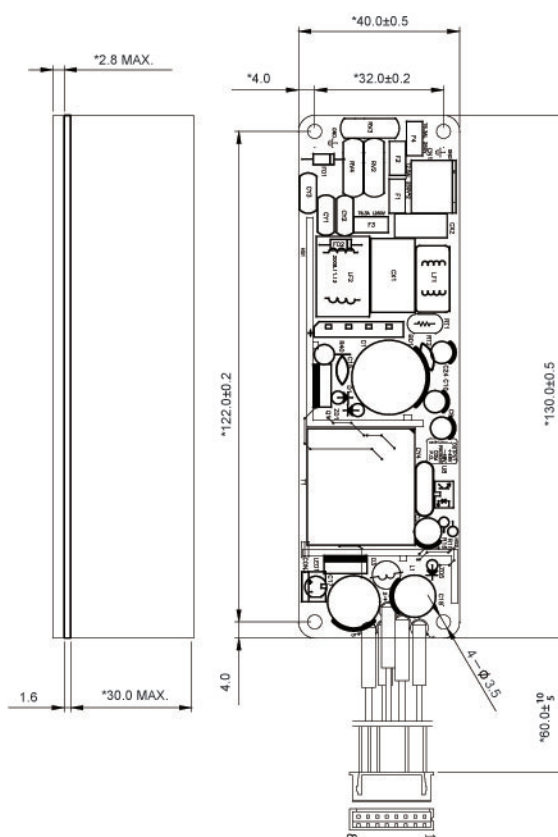
Features

- **Protections : Over current/Over Voltage/Over Temperature**
- **Power Factor Correction meets EN-61000-3-2**
- **Components hight less than 1U**



Specifications

Total Output	60W
Input Voltage	90 - 264 VAC
Input Frequency	47 - 63 Hz
Input Current	1.5A max at 115V , 0.75A max at 230V
Inrush Current	40A max at 115V, 80A max at 230V
Power Factor	> 0.5 / 115V 60Hz, > 0.5 / 230V 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz
Hold Up Time	> 10 mS / 115 V
Over Current Protection	-53.5V : 1.35A ~ 2.1A
Over Voltage Protection	-53.5V : 65V ~ 75V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 85\%$ at Max load of 115 ~ 230VAC
Power Density	6.75 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	130.0 (W) x 28.0 (H) X 40.0 (L) mm
Operating Temperature	-25 to 55 °C
Operating Humidity	10 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
-53.5V	0 A	1.12 A		250mV p-p

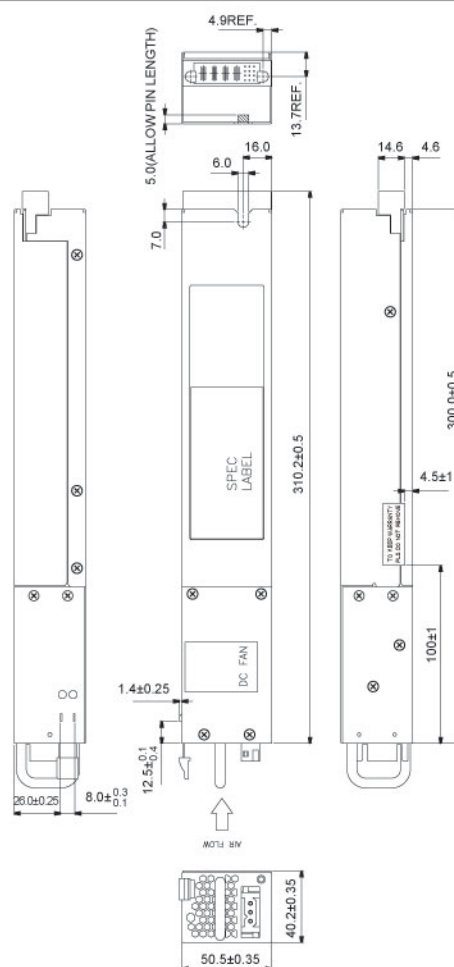


Features

- Protections : Over current/Over Voltage/Over Temperature
- Front panel LED to Indicate Power Status
- Power Fault Alarm Signals

Specifications

Total Output	300W
Input Voltage	-36 ~ -72 VDC
Input Current	10A / -36VDC, 30A / -72VDC
Inrush Current	100A 2u Second / -48VDC
Earth Leakage Current	1.50mA max for each power supply at -75VDC
Hold Up Time	> 20 mS / 115 V
Over Current Protection	+12V : 30A ~ 40A
Over Voltage Protection	+12V : 14V ~ 16V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 90\%$ at Max load of 48VDC
Power Density	8.07 W/in ³
MTBF	200 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	50.5 (W) x 40.2 (H) X 300.0 (L) mm
Operating Temperature	-5 to 55 °C
Operating Humidity	5 ~ 95 % RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	2 A	25 A		150mV p-p
+5 VSB	0 A	3 A		50mV p-p



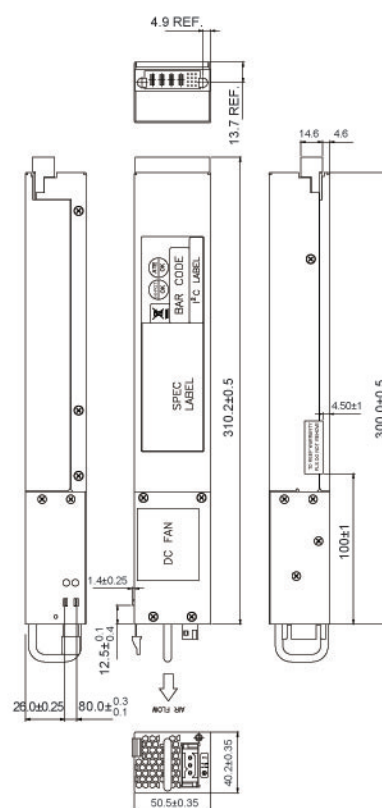
Features

- Protections : Over current/Over Voltage/Over Temperature
- Front panel LED to Indicate Power Status
- Power Fault Alarm Signals



Specifications

Total Output	450W
Input Voltage	-36 ~ -72 VDC
Input Current	20A / -36VDC, 10A / -72VDC
Inrush Current	100A 2u Second / -48VDC
Earth Leakage Current	1.50mA max for each power supply at -75VDC
Hold Up Time	> 10 mS / 115 V
Over Current Protection	+12V : 39.88A ~ 54.38A
Over Voltage Protection	+12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 85\%$ at Max load of 48VDC
Power Density	12.11 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	50.5 (W) x 40.2 (H) X 300.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	85 % RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	2 A	36.25 A		150mV p-p
+5 VSB	0 A	3 A		50mV p-p



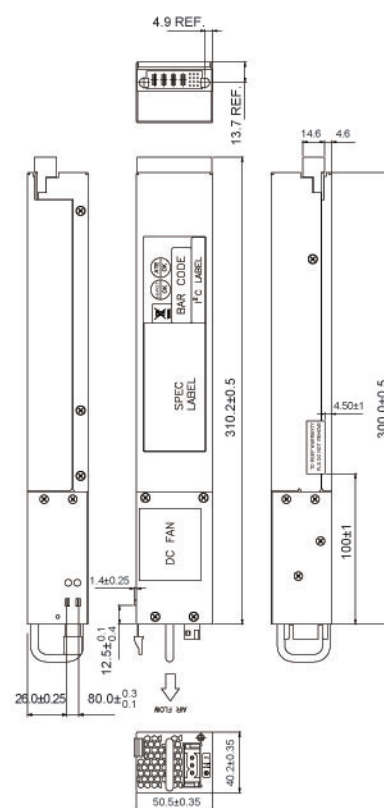
Features

- **Protections : Over current/Over Voltage/Over Temperature**
- **Front panel LED to Indicate Power Status**
- **Power Fault Alarm Signals**



Specifications

Total Output	650W
Input Voltage	-36 ~ -72 VDC
Input Current	25A / -36VDC, 11A / -72VDC
Inrush Current	100A 2u Second / -48VDC
Earth Leakage Current	1.50mA max for each power supply at -75VDC
Hold Up Time	> 10 mS / 115 V
Over Current Protection	+12V : 58.19A ~ 79.35A
Over Voltage Protection	+12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 82\%$ at Max load of 48VDC
Power Density	17.49 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	50.5 (W) x 40.2 (H) X 300.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	85 % RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	2 A	52.9 A		150mV p-p
+5 VSB	0 A	3 A		50mV p-p



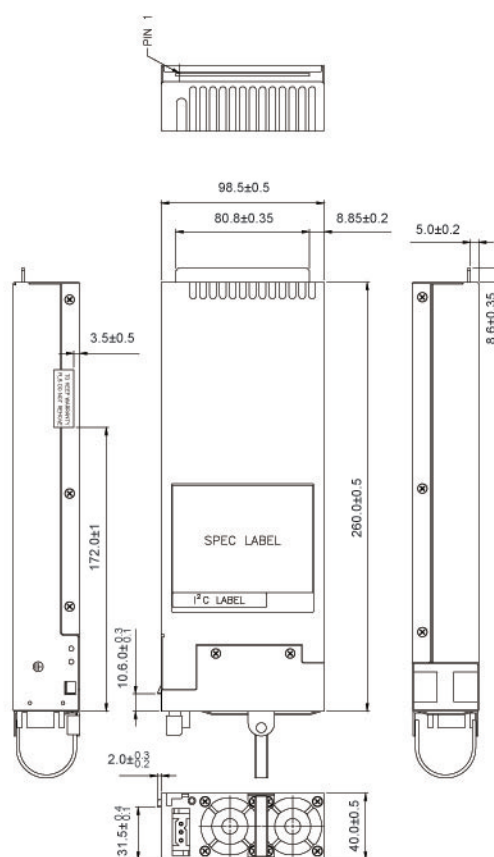
Features

- **Protections : Over current/Over Voltage/Over Temperature**
- **Front panel LED to Indicate Power Status**
- **Power Fault Alarm Signals**



Specifications

Total Output	720W
Input Voltage	-40 ~ -72 VDC
Input Current	26A / -40VDC, 13A / -72VDC
Inrush Current	100A 2u Second
Earth Leakage Current	1.50mA max for each power supply at -75VDC
Hold Up Time	> 11 mS / 115 V
Over Current Protection	+12V : 64.17A ~ 87.51A
Over Voltage Protection	+12V : 13.3V ~ 15.6V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 82\%$ at Max load of 48VDC
Power Density	13.12 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	98.5 (W) x 40.0 (H) X 260.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	85% RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	1 A	58.34 A		120mV p-p
+5 VSB	0.1 A	4 A		50mV p-p



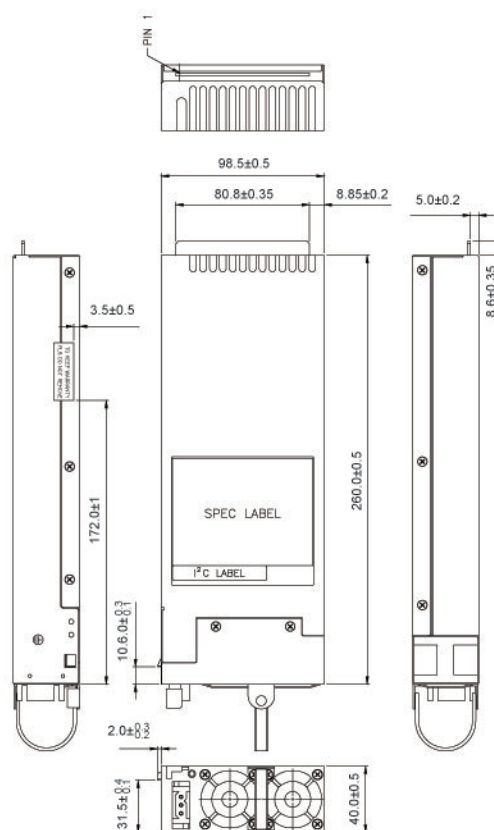
Features

- **Protections : Over current/Over Voltage/Over Temperature**
- **Front panel LED to Indicate Power Status**
- **Power Fault Alarm Signals**



Specifications

Total Output	820W
Input Voltage	-40 ~ -72 VDC
Input Current	28A / -40VDC, 15A / -72VDC
Inrush Current	100A 2u Second
Earth Leakage Current	1.50mA max for each power supply at -75VDC
Hold Up Time	> 18 mS / 115 V
Over Current Protection	+12V : 73.8A ~ 100.65A
Over Voltage Protection	+12V : 13.3V ~ 15.6V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 85\%$ at Max load of 48VDC
Power Density	13.12 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	98.5 (W) x 40.0 (H) X 260.0 (L) mm
Operating Temperature	0 to 50 °C
Operating Humidity	85% RH, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12 V	0 A	67.1 A		120mV p-p
+5 VSB	0 A	3 A		50mV p-p



Features

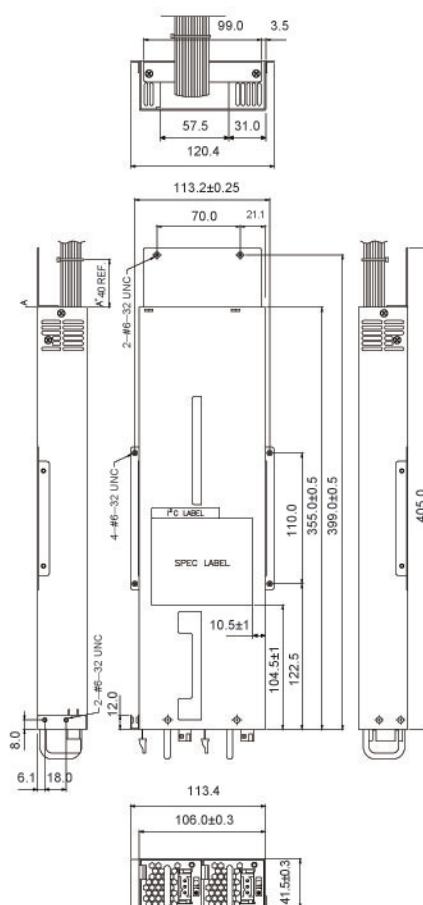
- Protections : Over current/Over Voltage/Over Temperature
- Front panel LED to Indicate Power Status
- Power Fault Alarm Signals



* Redundant Module : YM-2451DxR

Specifications

Total Output	450W
Input Voltage	-36 ~ -72 VDC
Input Current	14A / -36VDC, 9A / -72VDC
Inrush Current	100A 2u Second
Earth Leakage Current	1.50mA max for each power supply at -75VDC
Hold Up Time	> 10 mS / 115 V
Over Current Protection	+3.3V : 22A ~ 30A +5V : 22A ~ 30A +12V : 19A ~ 24A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V1-3 : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 48VDC
Power Density	4.72 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	106.0 (W) x 41.5 (H) X 355.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	1.5 A	20 A	Combined +3.3 V & +5 V Power ≤ 140 W	50mV p-p
+5 V	1 A	20 A		50mV p-p
+12 V1	0.5 A	16 A		120mV p-p
+12 V2	0.5 A	16 A		120mV p-p
+12 V3	1 A	16 A		120mV p-p
+12 V4	0 A	0 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0.1 A	3 A		50mV p-p



Features

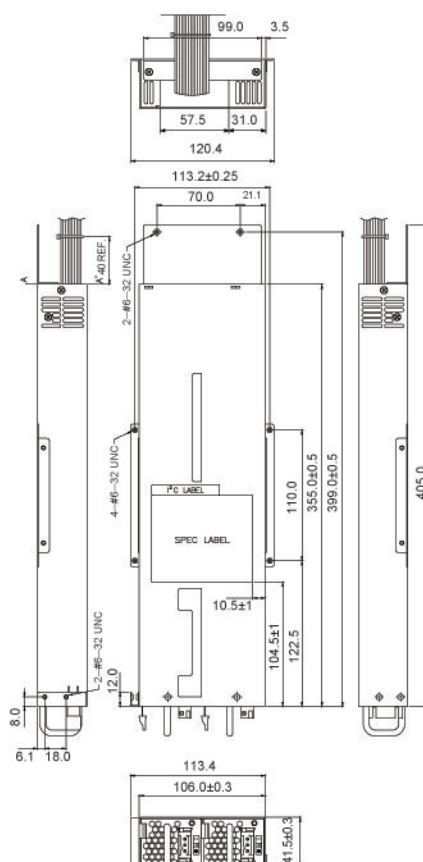
- **Protections : Over current/Over Voltage/Over Temperature**
- **Front panel LED to Indicate Power Status**
- **Power Fault Alarm Signals**



* Redundant Module : YM-2651CxR

Specifications

Total Output	650W
Input Voltage	-36 ~ -72 VDC
Input Current	25A / -36VDC, 11A / -72VDC
Inrush Current	100A 2u Second
Earth Leakage Current	1.50mA max for each power supply at -75VDC
Hold Up Time	> 10 mS / 115 V
Over Current Protection	+3.3V : 22A ~ 30A +5V : 22A ~ 30A +12V : 19A ~ 24A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 48VDC
Power Density	6.82 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	106.0 (W) x 41.5 (H) X 355.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	1.5 A	20 A	Combined +3.3 V & +5 V Power ≤ 140 W	50mV p-p
+5 V	1 A	20 A		50mV p-p
+12 V1	0.5 A	16 A	Combined +3.3 V, +5 V & +12 V1-4 Power ≤ 629 W	120mV p-p
+12 V2	0.5 A	16 A		120mV p-p
+12 V3	1 A	16 A		120mV p-p
+12 V4	0 A	0 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0.1 A	3 A		50mV p-p



Features

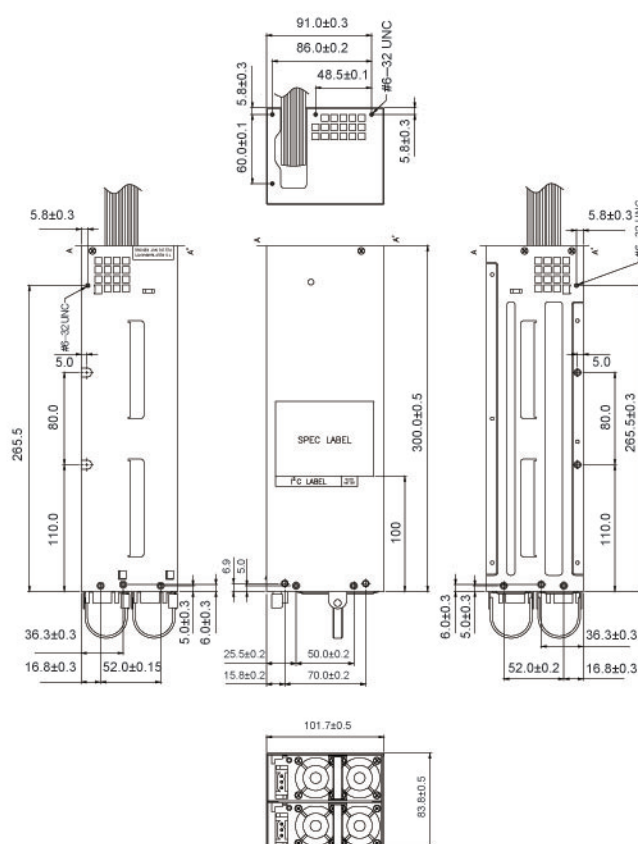
- Protections : Over current/Over Voltage/Over Temperature
- Front panel LED to Indicate Power Status
- Power Fault Alarm Signals



* Redundant Module : YM-2721ExR

Specifications

Total Output	720W
Input Voltage	-40 ~ -72 VDC
Input Current	26A / -40VDC, 13A / -72VDC
Inrush Current	100A 2u Second
Earth Leakage Current	1.50mA max for each power supply at -75VDC
Hold Up Time	> 11 ms / 115 V
Over Current Protection	+3.3V : 26.4A ~ 36A +5V : 33A ~ 45A +12V : 61.6A ~ 84A
Over Voltage Protection	+3.3V : 3.9V ~ 4.8V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 48VDC
Power Density	5.26 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	101.7 (W) x 83.8 (H) X 300.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	85%, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.1 A	24 A		50mV p-p
+5 V	0.1 A	30 A		50mV p-p
+12 V	1 A	56 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0.1 A	4 A		50mV p-p



Features

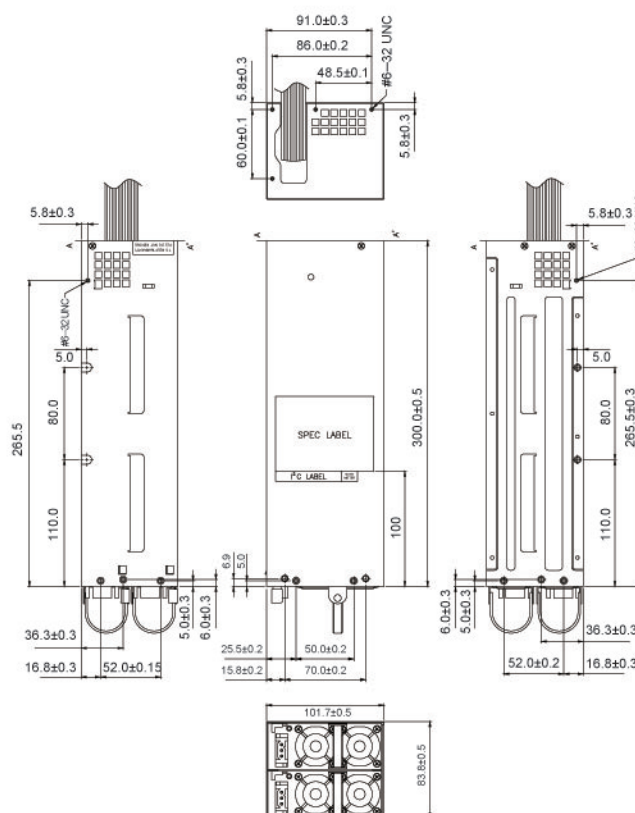
- Protections : Over current/Over Voltage/Over Temperature
- Front panel LED to Indicate Power Status
- Power Fault Alarm Signals



* Redundant Module : YM-2821CxR

Specifications

Total Output	820W
Input Voltage	-40 ~ -72 VDC
Input Current	29A / -40VDC, 16A / -72VDC
Inrush Current	100A 2u Second
Earth Leakage Current	1.50mA max for each power supply at -75VDC
Hold Up Time	> 18 mS / 115 V
Over Current Protection	+3.3V : 26.4A ~ 36A +5V : 33A ~ 45A +12V : 70.4A ~ 96A
Over Voltage Protection	+3.3V : 3.9V ~ 4.8V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 15.6V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 85\%$ at Max load of 48VDC
Power Density	5.26 W/in3
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	101.7 (W) x 83.8 (H) X 300.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	85%, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	0.1 A	24 A		50mV p-p
+5 V	0.1 A	30 A		50mV p-p
+12 V	1 A	64 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0.1 A	3 A		50mV p-p



Features

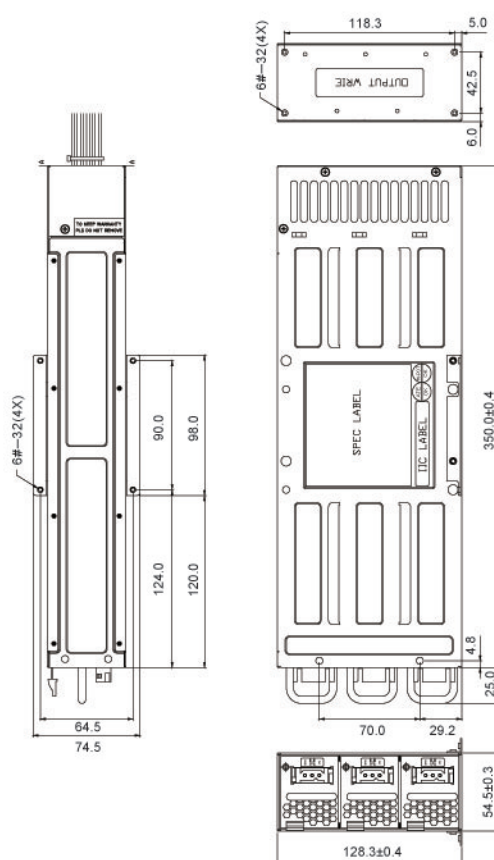
- Protections : Over current/Over Voltage/Over Temperature
- Front panel LED to Indicate Power Status
- Power Fault Alarm Signals



* Redundant Module : YM-2451DxR

Specifications

Total Output	900W
Input Voltage	-36 ~ -72 VDC
Input Current	25A / -36VDC, 10A / -72VDC
Inrush Current	100A 2u Second
Earth Leakage Current	1.50mA max for each power supply at -75VDC
Hold Up Time	> 17 mS / 115 V
Over Current Protection	+3.3V : 26.4A ~ 36A +5V : 26.4A ~ 36A +12V : 21.67A ~ 29.55A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 48VDC
Power Density	6.03 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	54.5 (W) x 128.3 (H) X 350.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	1.5 A	24 A	Combined +3.3 V & +5 V Power ≤ 170 W	50mV p-p
+5 V	1 A	24 A		50mV p-p
+12 V1	0.5 A	19.7 A		120mV p-p
+12 V2	0.5 A	19.7 A		120mV p-p
+12 V3	1 A	19.7 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0.15 A	3 A		50mV p-p



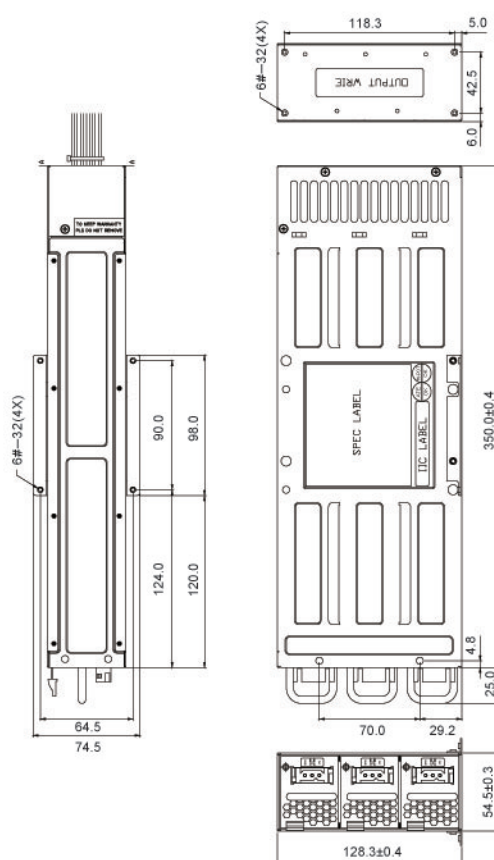
Features

- **Protections : Over current/Over Voltage/Over Temperature**
- **Front panel LED to Indicate Power Status**
- **Power Fault Alarm Signals**



Specifications

Total Output	1300W
Input Voltage	-36 ~ -72 VDC
Input Current	25A / -36VDC, 10A / -72VDC
Inrush Current	100A 2u Second
Earth Leakage Current	1.5mA max for each power supply at -75VDC
Hold Up Time	> 17 mS / 115 V
Over Current Protection	+3.3V : 26.4A ~ 36A +5V : 26.4A ~ 36A +12V : 33.88A ~ 46.2A
Over Voltage Protection	+3.3V : 3.9V ~ 4.5V +5V : 5.7V ~ 6.5V +12V : 13.3V ~ 14.5V
Short Circuit Protection	No damage, resistance $\leq 0.01\Omega$
Efficiency	$\geq 80\%$ at Max load of 48VDC
Power Density	8.07 W/in ³
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient
Dimension	54.5 (W) x 128.3 (H) X 350.0 (L) mm
Operating Temperature	0 to 40 °C
Operating Humidity	5 - 90 %, Non-condensing
Storage Temperature	-40 °C to +70 °C



Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3 V	1.5 A	24 A	Combined +3.3 V & +5 V Power ≤ 170 W	50mV p-p
+5 V	1 A	24 A		50mV p-p
+12 V1	0.5 A	30.8 A		120mV p-p
+12 V2	0.5 A	30.8 A		120mV p-p
+12 V3	1 A	30.8 A		120mV p-p
-12 V	0 A	0.5 A		120mV p-p
+5 VSB	0.15 A	3 A		50mV p-p



3Y Power RoHS Position Statement

3Y Power is currently shipping products that are in compliance with EU Directive 2002/95/EC on Reduction of Hazardous Substances (RoHS).

3Y Power's European Union RoHS Program

The European Union's RoHS (Restriction of Hazardous Substances) Directive 2002/95/EC states that: *"Member States shall ensure that, from 1 July 2006, new electrical and electronic equipment put on the market does not contain lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls (PBB) or polybrominated diphenyl ethers (PBDE)."*

The electrical and electronic products covered by the RoHS Directive are: large and small household appliances, IT and telecom equipment, consumer equipment, lighting equipment, electrical and electronic tools, toys, leisure and sports equipment, and automatic dispensers. Not covered are medical devices, monitoring and control instruments, large-scale stationary industrial tools, and military equipment.

3Y Power's RoHS-6 Products are Compliant for All Six Restricted Substances

This is the most commonly implemented form of the Directive. 3Y Power's RoHS-6 products do not have any of the six banned substances (Lead, Mercury, Cadmium, Hexavalent Chromium, PBB, or PBDE) in amounts exceeding the allowable maximum concentrations defined in the Directive. The Directive delineates these concentrations as the percent of the weight of any individual homogeneous component used within the power supply; not as a percentage of the aggregated weight of all components in an assembled product.

The RoHS Directive allows exemptions when adequate substitutes cannot be found. Exemptions relevant to power conversion products include :

- Cadmium plating used on relay contacts
- Lead usage in some alloys
- Lead used in ceramic capacitors

Note that exercising any of the lead exemptions listed above does not alleviate the need to use lead-free solder, including PCB solder finishes. 3Y Power lists any exemptions that were taken on the RoHS Certificates of Compliance in order to document adherence to the Directive. 3Y Power's lead-free-solder RoHS-6 products are identified with a "R2" suffix in the part number. Any part number without this "R2" suffix is either RoHS-5 compliant or was manufactured prior to RoHS implementation.



| Innovation | Creativity | Quality |

Contribute to a Green Environment
by Increasing Efficiency and Using
Environmental Friendly Materials.

ASIA Taiwan Headquarters

Address : 2nd Fr, No. 576, Sec. 1, Minsheng N. Rd., Gueishan, Taoyuan, Taiwan 333, R.O.C.

TEL : +886-3-321-4556

FAX : +886-3-321-4576

E-mail : 3ysales@3ypower.com.tw

China Beijing Office

Address : 9A-E, Building B, KeShi Plaza, No.28 A ShangDi Information Road, Haidian District, Beijing, China.

TEL : +86-10-6297-9193

E-mail : 3ysales@3ypower.com.tw

China SuZhou Office

Address : No. 584, Ju Yuan St., Suzhou, Jiangsu, China 215131

TEL : +86-0512-8098-2004

E-mail : 3ysales@3ypower.com.tw

U.S.A US Operation Office

Address : 80 Bunsen, Irvine, CA 92618

TEL : +1-949-450-0152

FAX : +1-949-450-0241

E-mail : sales@3ypower.com

Germany FSP Power Solution GmbH

Address : Jakobshoehe 16, D-41066 Moenchengladbach, Germany

TEL : +49-2161-65929-0

FAX : +49-2161-65929-20

E-mail : fsp-power@fsp-ps.de

U.K. U.K. Office (FSP (GB) LTD.)

Address : Unit 8 Curo Park, Frogmore, St. Albans, Hertfordshire AL2 2DD, England

TEL : +44-1727-873888

FAX : +44-1727-873668

E-mail : sales@fspgroup.co.uk

Russia Moscow Sales Representative Office for Russia / CIS

Address : Россия, Москва, Ул. Ленинская Слобода 26/1, индекс 115280

TEL : +7-095-771-0347

E-mail : rusupport@fsp-power.ru