

### Features

- For LED Decorative/Architectural Lighting Application
- Worldwide Input Range
- Constant Voltage Design
- Life time: 2 Years
- Suitable to Dry, Damp Location
- Fully encapsulated with IP67 Level
- Protections: Short Circuit / Open Curcuit / Over Voltage / Over Temperature / Over Load
- Class 2 Power Unit
- 100% Burn-in Test
- Safety: Meet IEC60950 & EMI EN55022
- Ripple & Noise: DFP-40-12: 120mVp-p ; DFP-40-24: 150mVp-p
- Warranty: 2 Years



IP67 CE EAC AB29

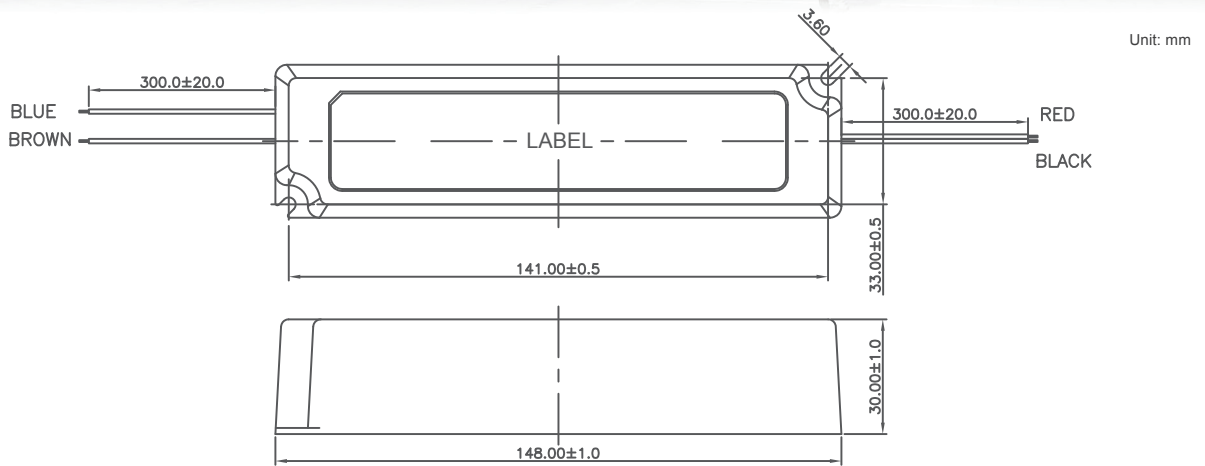
### SPECIFICATION

	Model Name	DFP-40-12	DFP-40-24
Output	Rated Power	40W	40W
	Output Voltage	12V	24V
	Rated Current	3.4A	1.7A
	Current Range	0~3.4A	0~1.7A
Input	Efficiency (typ.)	85%	86%
	Input Voltage/ Frequency	100~240Vac/ 47~63Hz 127~370Vdc	
	Leakage Current	≤0.25mA	
	Inrush Current (typ.)	55A cold start @230Vac	
Environment	Operating Temperature	-30~+65°C	
	Operating Humidity	20~90%RH	
	Storage Temperature	-40~+85°C	
	Storage Humidity	10~95%RH	
Protection	Over Voltage Protection	Auto Recovery	
	Other Protections	OLP: 110~140% ; OCP ; OTP ; SCP	
Safety & EMC	Safety Standards	EN60950	
	EMC Standard	Compliant with EN55022 / CLASS B	
	Pulsation Level	5%	
	Surge Voltage	Differential Mode≥2KV ; Common Mode≥4KV	
	Withstand Voltage (Hipot)	I/P-O/P 3750Vac	
	Isolation Resistance	I/P-O/P I/P-FG: 100M ohm @ 500Vdc/ 25°C	
Others	Life Time	2 Years	
	MTBF	100K hrs	
	Dimension (LxWxH)	148 x 40 x 30 mm	
	Net Weight / Packing	310g ; 36 pcs / box	

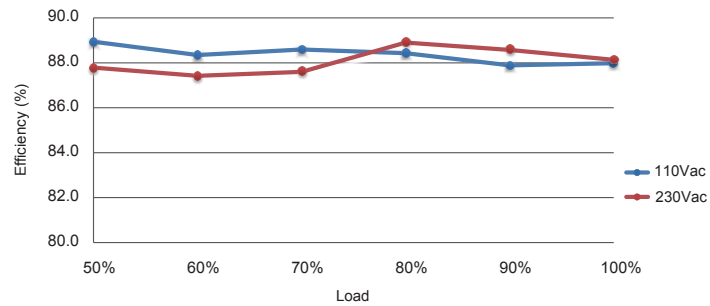
#### Notes:

1. Data that didn't mention is tested under 230Vac/ 50Hz full load condition, and 35°C ambient temperature unless otherwise specified. Length of set up time is measured at first cold start.
2. Ripple & Noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uF&47uF parallel capacitor.
3. The unit might not be suitable for lighting applications in EU countries. Please check with your local authorities for the possible use of the unit.
4. Suitable for indoor use or outdoor use without direct sunlight exposure. Please avoid immerse in the water over 30 minutes.
5. The input voltage information on the label should be marked ±10% less than the original input voltage, to conform with safety regulations.

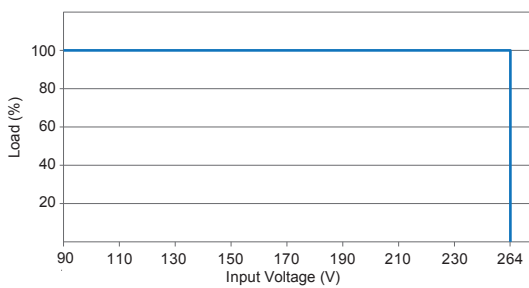




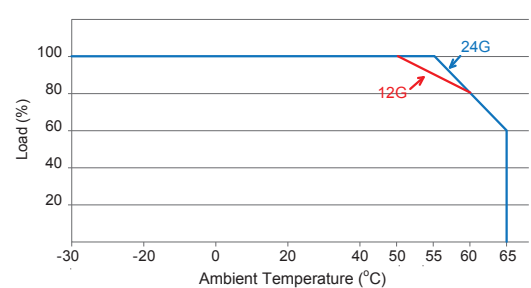
### Efficiency



### Load vs Input Voltage



### Derating Curve



**FSP TECHNOLOGY INC. (Fi gg]UCZ]W)**

FFJII FÄT [•&, ÉÖE ää^ { ä äÖ [ \ @ ää d Ä DÄ ~& Ä J  
 TEL / FAX : +7(499)730 44 10