

Desktop**FSP040 Series (20W ~ 50W)****FEATURE**

- Full range AC input design 100V~240V
- Meet Energy Star EPS 2.0 /ErP Lot 7
No Load Power Consumption $\leq 0.3W$
- LED indicator
- L.P.S Pass

**SAFETY STANDARD APPROVAL**

CB CE FCC

**INPUT SPECIFICATION**

Input Voltage	100~240 Vac
Input Frequency	47~63 Hz
Input Current	Max 1.0A for 20W~25W Series, Max 1.3A for 30W~40W Series Max 1.5A for 50W Series
Inrush Current	No damage occur and the input fuse shall not blow up.
Earth leakage current	Max 0.75mA @ 254Vac/50Hz

OUTPUT SPECIFICATION

Output Voltage/ Current	See Product Series List
Ripple and noise	
Over Voltage Protection	Shutdown and no damage
Over Current Protection	Shutdown and no damage
Short Circuit Protection	Shutdown and no damage
Hold Up Time	Min 5mS @ 100Vac/240Vac

ENVIROMENTAL

Operating Temperature	0°C~40°C
Storage Temperature	-20°C~80°C
Operating Humidity	20%~80%, RH, Non-condensing
Storage Humidity	10%~90%, RH, Non-condensing

GENERAL SPECIFICATION

Efficiency	Average Efficiency $\geq 80.00\%$ (Only for Output Wattage $\geq 25W$ Series)
PFC	
MTBF	Min. 50,000 hours at full load at 25°C ambient, predicated by MIL-HDBK-217F

EMC & Safety

Safety Standard	UL 60950-1, EN 60950-1,
Emission	EN55022, Class B Conducted / Class B Radiated FCC, Class B Conducted / Class B Radiated

ESD	IEC61000-4-2, Contact $\pm 4KV$ and Air $\pm 8 KV$
RS	IEC61000-4-3, 3V/M
CS	IEC61000-4-6, 3V/M
EFT	IEC 61000-4-4, $\pm 1KV$ applied to L,N
SURGE	IEC61000-4-5, Differential mode:1.0KV Common mode: 2.0KV

Desktop**FSP040 Series (20W ~ 50W)****PRODUCT SERIES LIST**

Wattage	Model Name	O/P Voltage	O/P Current	AC Socket
20W	FSP020-DGAA1	5V	4.0A	C14
25W	FSP025-DGAA1	5V	5.0A	C14
30W	FSP030-DGAA2	9V	3.33A	C14
30W	FSP030-DGAA1	12V	2.5A	C14
30W	FSP030-DGAA3	24V	1.25A	C14
30W	FSP030-DGAA5	48V	0.63A	C14
36W	FSP036-DGAA1	12V	3.0A	C14
40W	FSP040-DGAA2	9V	4.44A	C14
40W	FSP040-DGAA1	12V	3.33A	C14
40W	FSP040-DGAA3	24V	1.67A	C14
40W	FSP040-DGAA5	48V	0.83A	C14
50W	FSP050-DGAA5	48V	1.04A	C14

Mechanical Drawing

Dimension: 110(L) x50(W) x32(H) mm

