IPC PSU
FSP350-60PFG

DESCRIPTION

FSP350-60PFG is an industrial level of switching power supply. The power supply comes to offer the total power capacity up to 350 Watts, and uses unique active PFC (Power Factor Correction) circuit design with its high-load electrical components, makes it to be perfectly used in an industrial environment. In addition, with its full range of input and output electrical features, the power supply is ideally the best choice for server, workstation, communication or any other automation applications to use. The product also complies with the latest safety and EMC standards, which is perfectly to meet various regulations worldwide.



APPLICATION

For standard, advanced workstation, server and industrial power system.

FEATURES

- 85 Plus Bronze
- Low Ripple & Noise
- Output over voltage protection
- Short circuit protection on all outputs
- Resettable power shut down
- INTERNAL 4 cm fan 100% burn-in under high ambient temperature(50℃)
- Vacuum-impregnated transformer
- MTBF:100K hours at 25℃
- 100% Hi-pot tested Line input fuse protection

SAFETY STANDARD APPAOVAL

WATTAGE

Wattage:	350W

DIMENSION

Dimension:	140mm(L) x 150mm(W) x 86mm(H)

PRODUCT HIGHLIGHT

Efficiency Level:	80 Plus Bronze
PMBus:	For standard, advanced workstation, server and industrial power system.

INPUT SPECIFICATION

Input Range:	90-264 Vac
Input Frequency:	47-63 Hz
Input Current:	115V@ 6.0 Amps-rms maximum 230V@ 3.0 Amps-rms maximum

GENERAL SPECIFICATION

Effciency:	85% 230VAC
Voltage Regulation:	+3.3V, +12V, +5V, +5SB: ±5% -12V, -5V: ±10%
PWOK Delay Time:	500ms > PWOK > 100ms

OUTPUT SPECIFICATION

Hold up Time:	115V/60Hz 17mSec. Minimum@100% Load, 230V/50Hz 17mSec. Minimum,@100% Load
Ouput Voltage Regulation:	+3.3Vdc output : +3.5 Vdc minimum, + 4.5Vdc maximum +5Vdc output : +5.5 Vdc minimum, + 6.82Vdc maximum +12Vdc output : +13.4 Vdc minimum, + 15.6Vdc maximum
Output Rise Time:	115V-rms/230V-rms 5V 20ms Maximum 115V-rms/230V-rms 12V 20ms Maximum
Ripple & Noise:	3.3V:50mV p-p 5V:50mV p-p 12V1:120mV p-p 12V2:120mV p-p -12V:120mV p-p 5Vsb:50mV p-p -5V:50mV p-p

ENVIRONMENTAL SPECIFICATION

TEMP.Range:	Storage Temperature: -20°C to + 80℃
MTBF:	The power supply have a minimum predicted MTBF(MIL-HDBK-217) of 100,000 hours of continuous operation at 25℃, maximum-output load, and nominal AC inout voltage

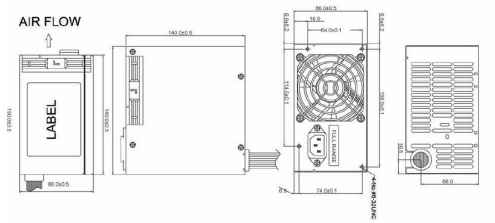
*Output Voltage and Current Rating

	+3.3V	+5V	+12V1	+12V2	-12V	-5V	+5Vsb
Ripple-Noise(R-P) mV	50mV	50mV	120mV	120mV	120mV	50mV	50mV
Regulation Load %	±5%	±5%	±5%	±5%	±10%	±10%	±5%
Output Max.(A)	21A	20A	16A	16A	0.5A	0.3A	3A
Output Min.(A)	0.1A	0.2A	0.1A	0.5A	0A	0A	0A

NOTES

- 5V, 3.3V, 12V, -12V Will gave the regulation to 10% when all load take off.
- The +3.3V, +5V and +12V1 and 12V2 total output shall not exceed 335 watts.
- The +3.3V, +5V total output shall not exceed 130 watts.
- The total output shall not exceed 350 watts

MECHANICAL SPECIFICATION



This content is subject to change, please refer to specification for more detail.
FSP reserve the right to change the content without prior notice