

IPC PSU **FSP400-70PFL**

DESCRIPTION

FSP400-70PFL is an industrial level of switching power supply. The power supply comes to offer the total power capacity up to 400 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. 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

Input Frequency:

Input Current:

- 80 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 0 temperature(50℃)
- Vacuum-imp
- MTBF
- . 100%

 MTBF:100K hours a 100% Hi-pot tested 		Output Dies Ti
WATTAGE Wattage:	400W	Output Rise Ti
DIMENSION Dimension:	140	Ripple & Noise
Dimension:	140mm(L) x 150mm(W) x 86mm(H)	
PRODUCT HIGHLIGH	ΗT	
Efficiency Level: Altitude: PMBus:	80 Plus Bronze 2000M For standard, advanced	
	workstation, server and industrial power system.	ENVIRONMENT TEMP.Range:
INPUT SPECIFICATI	ON	MTBF:
Input Range:	90-264 Vac	

OUTPUT SPECIFICATION					
Hold up Time:	115V/60Hz 15mSec. Minimum@100% Load, 230V/50Hz 15mSec. Minimum,@100% Load				
Ouput Voltage	+3.3Vdc output : +3.7 Vdc				
Regulation:	minimum, + 4.8Vdc maximum +5Vdc output : +5.7 Vdc minimum, + 7Vdc maximum +12Vdc output : +13.3 Vdc minimum, + 16Vdc 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:100mV p-p				

SAFETY STANDARD

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

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

47-63 Hz

*Output Voltage and Current Rating

	+3.3V	+5V	+12V1	+12V2	-12V	-5V	+5Vsb
Ripple-Noise(R-P) mV	50mV	50mV	120mV	120mV	120mV	100mV	50mV
Regulation Load %	±5%	±5%	±5%	±5%	±10%	±10%	±5%
Output Max.(A)	21A	16A	17A	17A	0.5A	0.3A	3A
Output Min.(A)	0.5A	0.5A	0.5A	0.5A	0A	0A	0.1A

NOTES

5V, 3.3V, 12V -12V Will gave the regulation to 10% when all load take off.

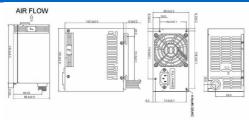
115V@ 8.0 Amps-rms maximum

230V@ 4.0 Amps-rms maximum

The +3.3V, +5V total output shall not exceed 110 watts.

The total output shall not exceed 400 watts
 -5V Option, 5vsb peak<=10ms.

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