IPC PSU
FSP200-61DL(48V)

DESCRIPTION

FSP200-61DL(48V) is an industrial level of switching power supply. The power supply comes to offer the total power capacity up to 200 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 server, communication and industrial power system.

FEATURES

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

WATTAGE

Wattage:	200W

DIMENSION

Dimension:	150mm(L) x 81.5mm(W) x 40.5mm(H)

PRODUCT HIGHLIGHT

Efficiency Level:	NON-80PLUS
Altitude:	2000M
PMBus:	For standard, advanced server, communication and industrial power system.

INPUT SPECIFICATION

Input Range:	-36--72 Vdc
Input Current:	15A

GENERAL SPECIFICATION

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

SAFETY STANDARD APPAOVAL

OUTPUT SPECIFICATION

Ouput Voltage Regulation:	+3.3Vdc output : +3.7 Vdc minimum, + 4.1Vdc maximum +5Vdc output : +5.7 Vdc minimum, + 6.5Vdc maximum +12Vdc output : +13.1 Vdc minimum, + 14.5Vdc maximum
Output Rise Time:	DC input 48V 5V 20ms Maximum DC input 48V 3.3V 20ms Maximum DC input 48V 12V 20ms Maximum
Ripple & Noise:	3.3V:50mV p-p 5V:50mV p-p 12V1:120mV p-p -12V:120mV p-p 5Vsb:50mV p-p
Over Current Protection:	+5V……18A maximum +12V……24A maximum +3.3V……18A maximum
Short Circuit Protection:	load < 0.1 Ohm

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	-12V	+5Vsb
Ripple-Noise(R-P) mV	50mV	50mV	120mV	120mV	50mV
Regulation Load %	±5%	±5%	±5%	±10%	±5%
Output Max.(A)	12A	12A	16A	0.5A	2A
Output Min.(A)	0A	1A	1A	0A	0A

NOTES

- 5V, 3.3V, 12V, -12V Will gave the regulation to 10% when all load take off.
- The +3.3V and +5V total output shall not exceed 80 watts.
- The total output shall not exceed 200 watts