



PC PSU FSP250-50GUB(85)

DESCRIPTION

This is the specification of Model FSP250-50GUB(85) ; AC-line powered switching power supply with active PFC (Power Factor Correction) circuit, meet EN61000-3-2 and with Full Range Input features. Also, +5Vsb power is less than 0.5Winput at power off mode (PS_ON input at high state) which is comply with ErP Lot 6 year 2013 requirement.

APPLICATION

Desktop, Mini-itx

WATTAGE

Wattage: 250W

DIMENSION

Dimension: 150mm(L) x 81.5mm(W) x 40mm(H)

PRODUCT HIGHLIGHT

Efficiency Level: 80PLUS Bronze

Erp Lot: <0.5W

Input Voltage: 100~240Vac

INPUT SPECIFICATION

Input Range: 100-240 Vac

Input Frequency: 47-63 Hz

Input Current: 115V@ < 3.0 Amps – rms
230V@ < 1.5 Amps – rms

OUTPUT SPECIFICATION

Output Rise Time: + 3.3Vdc : 20ms Maximum
+ 5 Vdc : 20ms Maximum
+ 12 Vdc : 20ms Maximum
+ 5 Vsb : 25ms Maximum
- 12 Vdc : 20ms Maximum



SAFETY STANDARD APPAOVAL



GENERAL SPECIFICATION

Efficiency: 80PLUS Bronze

PWOK Delay Time: 500ms > PWOK > 100ms

EMC Performance: EN55022 class B

EN55024

EN 61000-3-2

EN 61000-3-3

ENVIRONMENTAL SPECIFICATION

TEMP.Range: Operating Temperature:10°C to +50°C

Storage Temperature: -20°C to +80°C

MTBF: The power supply reliability, when calculated by MIL-HDBK-217; latest revision, are exceed 100,000 hours with all output at maximum load and an ambient temperature of 25°C.

*Output Voltage and Current Rating

	+3.3V	+5V	+12V1	-12V	-5V
Ripple-Noise(R-P) mV	50mV	50mV	120mV	120mV	50mV
Regulation Load %	±5%	±5%	±5%	±10%	±5%
Output Max.(A)	18A	18A	17A	0.5A	2A
Output Min.(A)	0.1A	0.2A	0.5A	0A	0A

NOTES

(1)+3.3V & +5V tatol output not exceed 100W.

(2)Total output continuous shall not exceed 250W.

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