



PC PSU

FSP500-60AHBC

DESCRIPTION

This specification describes a 500 watts power supply. With 6 output, and remote ON/OFF control for ATX-12V system and a "Power factor correction (active PFC)" circuit at 200V-240Vac.

APPLICATION

Desktop

WATTAGE

Wattage: 500W

DIMENSION

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

PRODUCT HIGHLIGHT

Efficiency Level: EU 230V 80Plus
Erp Lot: <0.5W
Input Voltage: 230Vac

INPUT SPECIFICATION

Input Range: 200-240 Vac
Input Frequency: 47-63 Hz
Input Current: 230V@ 3 Amps-rms maximum

OUTPUT SPECIFICATION

Output Rise Time: +3.3V 20Ms (maximum)
+5V 20Ms (maximum)
+12 V 20Ms (maximum)
-12 V 20Ms (maximum)



SAFETY STANDARD APPAOVAL



GENERAL SPECIFICATION

Efficiency: 82%@ 20% load; 85%@ 50% load;
82%@ 100% load
Inrush Current: 230V@ 3Amps-rms maximum
PWOK Delay Time: 500ms > PWOK > 100ms
EMC Performance: EN55022
EN55024

ENVIRONMENTAL SPECIFICATION

TEMP.Range: Storage Temperature: -20°C to +80°C
MTBF: The power supply reliability, when calculated by "Bellcore" 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	+12V2	-12V	+5Vsb
Ripple-Noise(R-P) mV	50mV	50mV	120mV	120mV	200mV	50mV
Regulation Load %	±5%	±5%	±5%	±5%	±10%	±5%
Output Max.(A)	20A	20A	25A	25A	0.3A	3A
Output Min.(A)	0.2A	0.2A	1A	0.05A	0A	0A

NOTES

- +3.3V & +5V total output not exceed 120W.
- Maximum combined current for the +12V shall be 38A

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