

DESCRIPTION

This specification describes a 500 watts power supply. With 5 output, and remote ON/OFF control for ATX-12V system and a "Power factor correction (active PFC)" circuit at 100V-240Vac.

APPLICATION

Desktop

WATTAGE

Wattage: 500W

DIMENSION

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

PRODUCT HIGHLIGHT

Efficiency Level: 80PLUS Silver
Erp Lot: <0.5W
Input Voltage: 100~240Vac

INPUT SPECIFICATION

Input Range: 100-240 Vac
Input Frequency: 47-63 Hz
Input Current: 115V@ 8.0 Amps-rms
maximum 230V@ 4.0 Amps-rms maximum

OUTPUT SPECIFICATION

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

*Output Voltage and Current Rating

	+3.3V	+5V	+12V1	-12V	+5Vsb
Ripple-Noise(R-P) mV	50mV	50mV	50mV	200mV	50mV
Regulation Load %	±5%	±5%	±5%	±10%	±5%
Output Max.(A)	24A	20A	39A	0.3A	3A
Output Min.(A)	0.2A	1A	0.05A	0A	0A

NOTES

- +3.3V & +5V total output not exceed 120W.
- When +5V is load to 20A, the +3.3V maximum load is 7.5A.
- When +3.3V is load to 24A, the +5V maximum load is 9A..



SAFETY STANDARD APPAOVAL



GENERAL SPECIFICATION

Efficiency: 85%@ 20% load; 88%@ 50% load;
85%@ 100% load

PWOK Delay Time: 500ms > PWOK > 100ms

EMC Performance: EN55022 class B

ENVIRONMENTAL SPECIFICATION

TEMP.Range: Storage Temperature: -20°C to +70°C

MTBF: 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.

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