

DESCRIPTION

This specification describes a 300 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: 300W

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: 5Amp (maximum) at 100-127Vrms/ 60 Hz 2.5Amp (maximum) at 200-240 Vrms/ 50 Hz.

OUTPUT SPECIFICATION



SAFETY STANDARD APPROVAL



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: -40°C to +70°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	-12V	+5Vsb
Ripple-Noise(R-P) mV	50mV	50mV	5mV	200mV	50mV
Regulation Load %	±5%	±5%	±5%	±10%	±5%
Output Max.(A)	21A	15A	24A	0.3A	2.5A
Output Min.(A)	0.2A	1A	0.05A	0A	0A

NOTES

- +3.3V & +5V total output not exceed 103W.
- When +5V is load to 15A, the +3.3V maximum load is 8.46A.
- When +3.3V is load to 21A, the +5V maximum load is 6.74A.

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