

DESCRIPTION

This specification describes a 450 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: 450W

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: 7Amp (maximum) at 100-127Vrms/ 60 Hz 3.5Amp (maximum) at 200-240 Vrms/ 50 Hz.

OUTPUT SPECIFICATION

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



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
EN55024
EN 61000-3-2
EN 61000-3-3

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)	24A	15A	36A	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 15A, the +3.3V maximum load is 13.63A.
- When +3.3V is load to 24A, the +5V maximum load is 8A.

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