



PC PSU

FSP300-60GNV-5K

DESCRIPTION

This is the specification of Model FSP300-60GNV-5K; AC-line powered switching power supply with active PFC (Power Factor Correction) circuit, meet EN61000-3-2 and with Full Range Input features.

APPLICATION

Desktop, DVR

WATTAGE

Wattage: 300W

DIMENSION

Dimension: 130mm(L) x 125mm(W) x 63.5mm(H)

PRODUCT HIGHLIGHT

Efficiency Level: 78%
Input Voltage: 100~240Vac

INPUT SPECIFICATION

Input Range: 100-240 Vac
Input Frequency: 47-63 Hz
Input Current: 115V@ 4 Amps-rms maximum
230V@ 2 Amps-rms maximum

OUTPUT SPECIFICATION

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



SAFETY STANDARD APPROVAL



GENERAL SPECIFICATION

Efficiency: 78%
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 +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 input voltage.

*Output Voltage and Current Rating

	+3.3V	+5V	+12V1	+12V2	-12V	+5Vsb
Ripple-Noise(R-P) mV	50mV	50mV	120mV	120mV	120mV	50mV
Regulation Load %	±5%	±5%	±5%	±5%	±10%	±5%
Output Max.(A)	18A	18A	8A	16A	0.5A	2A
Output Min.(A)	0.5A	0.3A	1A	1A	0A	0A

NOTES

(1)+3.3V & +5V total output must not exceed 125W.
(2)Total output continuous shall not exceed 300W watts.

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