

Additional Information

SPECIFICATIONS

MODEL NAME	FSP700-80UEPB	
WATTAGE	700W	
DIMENSION	240mm (L) × 100 mm (W) × 40.5mm (H)	
PRODUCT HIGHLIGHT	Efficiency Level	80 Plus Platinum
	Altitude	5000M
	PMBus	v1.2
GENERAL SPECIFICATION	Efficiency	92% 230VAC
	Voltage Regulation	+3.3V, +12V, +5V, +5SB: ±5% -12V: ±10%
INPUT ELECTRICAL SPECIFICATION	Input Frequency	47 ~ 63 Hz
	Input Current	115V@ 10.0 Amps-rms maximum 230V@ 5.0 Amps-rms maximum
OUTPUT SPECIFICATION	Hold-up time	115V/60Hz 16mSec. Minimum@100% Load, 230V/50Hz 16mSec. Minimum@100% Load
	Output Voltage Regulation	+3.3Vdc output : +3.5 Vdc minimum, + 4.5Vdc maximum +5Vdc output : +5.5 Vdc minimum, + 6.82Vdc maximum +12Vdc output : +13.4 Vdc minimum, + 15.6Vdc maximum
	Ripple & Noise	115V-rms/230V-rms 5V 20ms Maximum
	Over current protection	3.3V:50mV p-p 5V:50mV p-p 12V1:120mV p-p 12V2:120mV p-p 12V3:120mV p-p 12V4:120mV p-p -12V:120mV p-p 5Vsb:50mV p-p
ENVIRONMENTAL REQUIREMENT	Temperature Range	Operating : 0 to +50°C Storage :-20 to +80°C
	Humidity	Operating : 85% to % RH, Non-condensing Storage : 95% to % RH, Non-condensing
	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
SAFETY	CE,FCC,TUV,CCC	

Output Voltage and Current Rating

	+3.3V	+5V	+12V1	+12V2	+12V3	+12V4	-12V	+5VSB
RIPPLE-NOISE(R-P) MV	50mV	50mV	120mV	120mV	120mV	120mV	120mV	50mV

		+3.3V	+5V	+12V1	+12V2	+12V3	+12V4	-12V	+5VSB																																
	REGULATION LOAD %	±5%	±5%	±5%	±5%	±5%	±5%	±10%	±5%																																
	OUTPUT MAX.(A)	25A	30A	16A	16A	16A	16A	0.5A	4A																																
	OUTPUT MIN.(A)	0.1A	1A	1A	1A	1A	1A	0A	0A																																
	Notes Combined 3.3V and 5 power shall not exceed 170W. Maximum combined current for the 12V outputs shall be 56A. Outputs shall bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF electrolytic capacitor to simulate system loading. Maximum continuous total DC output power should not exceed 700W																																								
FEATURES	• 80 Plus Platinum • Low Ripple & Noise • Output over voltage protection • Short circuit protection on all outputs • Resettable power shut down • INTERNAL 4 cm fan • Four +12V output (+12V/1,+12V/2, +12V/3, +12V/4) • 100% burn-in under high ambient temperature(50°C) • Vacuum-impregnated transformer • MTBF:100K hours at 25°C • 100% Hi-pot tested • Line input fuse protection																																								
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SHORT DESCRIPTION	Dimensions : 240 x 100 x 40.5mm Application : For standard, advanced server, NAS, storage, and industrial power system.Watt : 700W																																								



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