FSP460-60PFN ATX / PS2 460W

PFC

Country of Origin : China

Operating Temperature : 0 ~ 50° C

Dimension : 140 x 150 x 86 mm

Approvals / Marks : UL, TÜV, CB, CE

Features:

- Universal full range AC-input with active Power Factor Correction
- Dual +12V Output (+12V CPU, +12V I/O)
- Remote On/Off Control
- 8cm fan / fan noise killer (optional)
- Resettable Power Shutdown
- Overload, over voltage & short circuit protection
- 100% 50°C burn-in tested / 100% HI-POT tested
- 1 year warranty

Specification:

OUTPUT		V1	V2	V3	V4	V5	V6	V7
	Voltage	+3.3V	+5V	+12V (CPU)	+12V (I/O)	-5V	-12V	+5VSB
	Load min.	0.4A	3A	1A	1A	0A	0A	0A
	Load typ.	10A	13.4A	5A	5A	0.15A	0.4A	1A
	Load max.	27A	29A	16.5A	16.5A	0.3A	0.8A	2A
	Load Tolerance	+5% / -4%	+5% / -4%	+5% / -4%	+5% / -4%	±10%	+9% / -5%	±5%
	Line Tolerance	±1%	±1%	±1%	±1%	±2%	±2%	±1%
	Ripple & Noise (max)	50mV	50mV	120mV	120mV	120mV	120mV	50mV
	Efficiency (min)	65% @ full load						
Max. Output Power		+3.3V & +5V : 200W						
		460W						
INPUT	Voltage	100 ~ 240VAC full range						
	Frequency	47 ~ 63 Hz						
	Current	5A@230VAC / 9A@115VAC						
	Inrush Current	80A cold / 120A warm @ 132VAC						
	Leakage Current							
	P.F.C.	Active						
PROTECTION	Overload	> 150% of rating / Shutdown, Latch off						
	Over Voltage	3.8 ~ 4.5V	5.6 ~ 6.5V	13 ~ 14.5V				
	Short Circuit	On all outputs						
	Line Input	Fuse						
OTHERS	Startup time							
	Holdup time	> 18ms @ full load, nominal input						
	Remote ON/OFF	accepts collector level which will disable/enable all ouput voltage (excluding +5VSB)						
	Power Good / Fail	turn-on delay 100~500ms						
	Cooling	8cm fan / noise killer optional						
	Withstand Voltage	I/P-O/P : 1.8KVAC, I/P-FG : 1.8KVAC / for 1 second						
Environment	Temperature	Operating: 0 ~ 50°C / Storage: -20 ~ 85°C						
	Humidity	5% ~ 95% RH (non condensing)						
M.T.B.F.		> 100 K hours (according to MIL-HDBK-217F at 25°C environment)						
SAFETY		Approved: UL 1950 / CSA C22.2 / TÜV EN60950						
EMC	EMI	EN61000-3-2						
	EMS							
WEIGHT		N.W.: kg						