FSP550-60PLN
550 WATT EPS12V
PC POWER SUPPLY

FEATURES

♦ Complied with EPS12V standard
♦ Active Power Factor Correction Meeting with EN61000-3-2
♦ High efficiency and reliability
♦ Remote On/Off function
♦ Internal 12V DC fan included
♦ Noise Killer (Thermal fan speed control function)
♦ Low noise and ripple
♦ Complies with FCC part 15 subpart J Class B and CISPR 22 Class B
♦ Output over voltage, short circuit, and over current protection
♦ 100% Hi-pot, ATE, and burn-in tested
♦ Re-settable power shut down
♦ Approved by UL 1950, CSA C22.2 Level 3, TUV EN60950, NEMKO EN60950 (CB Report), CE

GENERAL SPECIFICATIONS

Temperature Range:	Operating 0° C ~ +30° C on full load; storage & shipping -20° C ~ +80° C
Humidity:	95% on operating and 95% on storage
Dielectric Withstand:	Input to frame ground 1800V AC for 1 second
Efficiency:	63% at minimum measured at nominal AC main voltage and frequency with maximum load on all output
Rise Time:	Less than 20ms
Hold-up Time:	18ms minimum at nominal input voltage
Power Good Signal:	Power on delay time 100 ms to 500 ms, off delay 1ms minimum (TTL and CMOS compatible)
Leakage Current:	Not exceed 0.75mA at 115V AC, 60Hz
MTBF:	100,000 hours on maximum load at +25° C degree
Dimension (WxHxL):	150x86x140mm/5.9"x3.4"x5.5" inches

INPUT SPECIFICATIONS

Input Range:	90~265V AC, Full Range
Input Frequency:	47~63Hz
Input Current:	10A (RMS) @ 115V AC; 5A (RMS) @ 230V AC
Inrush Current:	80A Max for 115V AC; 120A Max for 230V AC Cold start

OUTPUT SPECIFICATIONS

Output Voltage	Minimum Load	Maximum Load	Load Reg.	Line Reg.	Ripple & Noise
+3.3V	0.4A	27.0A	+5%/-4%	± 1%	50mV P-P
+5V	3.0A	29.0A	+5%/-4%	± 1%	50mV P-P
+12V CPU	1.0A	18.0A	+5%/-4%	± 1%	120mV P-P
+12V I/O	1.0A	18.0A	+5%/-4%	± 1%	120mV P-P
-5V	0.0A	0.3A	± 10%	± 2%	120mV P-P
-12V	0.0A	0.8A	+9%/-5%	± 2%	120mV P-P
+5Vsb	0.0A	2.0 A	+5%/-4%	± 1%	50mV P-P

*+5V and +3.3V total output not exceed 150W
*+3.3V, +5V, and +12V total output cannot exceed 528W

Note: All data are subject to change without notice

FORTRON/SOURCE