



FSP400-60PFN(12V) 400 WATT ACTIVE PFC PC POWER SUPPLY

GENERAL SPECIFICATIONS

Temperature Range:	Operating, 0° C to +40° C Storage, -20° C to +65° C
Temp. Coefficient:	0.01%/° C
Transient Response:	Output voltage returns in less than 1mS max. at a 25% load change
Hold-up Time:	17.6mS min. at full & nominal input voltage
Dielectric Withstand:	Input to frame ground 1800 VAC for 1 second
Humidity:	95% RH
Efficiency:	65% at DC-24 Input, at full load
Power Good Signal:	Power on delay time 100mS to 500mS, off delay 1mS min.
Overload Protection:	150% maximum
Dimensions (mm):	86H x 150W x 140L

FOR INTEL P4

FEATURES

- ◆ High efficiency
- ◆ Internal 12 VDC fan included
- ◆ Low noise and ripple
- ◆ Complies with FCC part 15 subpart J class B 115 VAC operation and CISPR 22 Class “B” 230 VAC operation
- ◆ Output over voltage protection
- ◆ Short circuit protection on all outputs
- ◆ MTBF above 50,000 hrs. at 25° C
- ◆ 100% Hi-pot & ATE tested
- ◆ Short circuit protection on all outputs
- ◆ Resettable power shut down
- ◆ 100% burn-in under high ambient temp. (50° C)
- ◆ Approved by UL 1950, CSA C22.2 No. 234 Level 3, IEC 950, TUV EN 60950 or VDE 0805, NEMKO EN60950

REMOTE ON/OFF CONTROL

The power supply shall accept logic open collector levels that will disable/enable all the output voltage (except +5V standby). As logic level is low/high, output voltages are enabled/disabled.

INPUT SPECIFICATIONS

Voltage:	95 ~ 264 VAC, full range
Frequency:	47Hz ~ 63Hz
Input Current:	8A (RMS) @ 115VAC 4A (RMS) @ 230VAC
Inrush Current:	80A Max. for 115 VAC 120A Max for 230VAC

OUTPUT SPECIFICATIONS

Output Voltage	Minimum Load	Maximum Load	Load Reg.	Ripple & Noise
+3.3V	0.3A	28.0A	± 5 %	50mV
+5V	0.1A	40.0A	± 5 %	50mV
+12V	0.0A	15.0A	± 5 %	120mV
-5V	0.0A	0.3A	± 5 %	100mV
-12V	0.0A	0.8A	± 5 %	120mV
+5Vsb	0.0A	2.0A	± 5 %	100mV

*Maximum power: 400W

*+3.3V and +5V total output shall not exceed 235W

*The +3.3V, +5V and +12V total output power shall not exceed 380W

Note: All data are subject to change without notice

