



For P4 & Athlon

FEATURES

- ◆ High efficiency
- ◆ Active PFC Circuit
- ◆ Power factor correction (PFC) meet EN61000-3-2
- ◆ Internal 12 VDE fan
- ◆ Low Ripple & Noise
- ◆ 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 100,000 hrs at 25°C
- ◆ 100% Hi-pot & ATE tested
- ◆ Resettable power shut down
- ◆ 100% burn-in under high ambient temperature 50°C)
- ◆ Approved by UL 1950 , CSA C22.2 Level 3, IEC 950, VDE EN60950, NEMKO (CB Report), and CE

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.

OUTPUT CHARACTERISTICS

Output Voltage	Output Current		Regulation		Ripple & Noise
	Minimum Load	Maximum Load	Load	Line	
*+3.3V	0.3A	28.0A	± 5 %	± 1 %	50mV
*+5V	0.1A	30.0A	± 5 %	± 1 %	50mV
*+12V	0.0A	15.0A	± 5 %	± 1 %	120mV
-5V	0.0A	0.3A	± 5 %	± 2 %	100mV
-12V	0.0A	0.8A	± 5 %	± 2 %	120mV
+5Vsb	0.0A	2.0A	± 5 %	± 1 %	100mV

*Maximum power: 300W

*+5V and +3.3V total output not exceed 180W

*+3.3V, +5V, and +12V total output power shall not exceed 280W

Note: All data are subject to change without notice

FSP300-60PLN

300 WATT ACTIVE PFC

PC POWER SUPPLY

GENERAL SPECIFICATIONS

Temperature Range:	Operating, 0°C to +50°C Storage, -20°C to +80°C
Temp. Coefficient:	0.01%/°C
Transient Response:	Output voltage returns in less than 1mS max. following a 25% load change
Hold-up Time:	17mS min. at full load & nominal input voltage
Dielectric Withstand:	Input to frame ground 1800 VAC for 1 second
Humidity:	95% RH
Efficiency:	65% min measured at normal AC main voltage and frequency with maximum load on all output
Power Good Signal:	Power on delay time 100mS to 500mS, off delay 1mS minimum
Overload Protection:	150% maximum
Dimensions (mm):	86H x 150W x 140L

INPUT SPECIFICATIONS

Voltage:	90 ~ 264 VAC, full range
Frequency:	47Hz ~ 63Hz
Input Current:	6A (RMS) for 115 VAC; 3A (RMS) for 230 VAC
Inrush Current:	60A max for 115 VAC 90A max for 230 VAC



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