



*For Pentium 4*

## FEATURES

- ◆ High efficiency
- ◆ Internal 12 VDC fan included
- ◆ Low noise and ripple
- ◆ Complies with FCC part 15 subpart J class B VAC operation and CISPR 22
- ◆ Output over voltage protection
- ◆ Short circuit protection on all outputs
- ◆ MTBF above 100,000 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 Level 3, IEC 950, VDE 0805, NEMKO (CB Report)

## OUTPUT SPECIFICATIONS

Output Voltage	Minimum Load	Maximum Load	Load Reg.	Line Reg.	Ripple & Noise
+3.3V	0.3A	15/28A	± 5 %	± 1 %	50mV P-P
+5V	0.1A	30/21.5A	± 5 %	± 1 %	50mV P-P
+12V	0.0A	15.0A	± 5 %	± 1 %	120mV P-P
-5V	0.0A	0.3A	± 10 %	± 2 %	100mV P-P
-12V	0.0A	0.8A	± 10 %	± 2 %	120mV P-P
+5Vsb	0.0A	2.0A	± 5 %	± 1 %	50mV P-P

\*Maximum power: 300W

\*+5V and +3.3V total output not exceed 200W

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

\*When +3.3V is load to 28A, the +5V maximum load is 21.5A

\*When +3.3V is load to 15A, the +5V maximum load is 30A

Note: All data are subject to change without notice

# FSP300-60ATV

## 300 WATT ATX 2.03

## PC POWER SUPPLY

### GENERAL SPECIFICATIONS

Temperature Range:	Operating, 0°C to +50°C Storage, -20°C to +65°C
Temperature Coefficient:	0.01% / °C
Transient Response:	Output voltage returns in less than 1mS max. at a 25% load change
Hold up Time:	16.6mS min. at 115V/60Hz and 20.0ms minimum at 230V/50Hz Full Load
Dielectric Withstand:	Input to frame ground 1800 VAC for 1 second
Humidity:	95% RH
Efficiency:	65% minimum measured at normal AC main voltage and frequency with maximum loads on all outputs
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

### REMOTE ON/OFF CONTROL

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

### INPUT SPECIFICATIONS

Voltage:	95 ~ 132 VAC/180 ~ 264 VAC Switch-select
Frequency:	47Hz to 63Hz
Input Current:	9A (RMS) for 115 VAC, 4A (RMS) for 230 VAC
Inrush Current:	60A Max. for 115 VAC, 90A Max for 230VAC



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