FSP300-60BTV
300 WATT ATX 2.03 PC POWER SUPPLY

FOR INTEL P4 & AMD ATHLON

FEATURES

- High efficiency
- Low Ripple & Noise
- Output overvoltage protection
- Short circuit protection on all outputs
- Resettable power shut down
- Approved by UL 1950, CSA C22.2, TUV EN 60950, VDE 0805, NEMKO & CB Report
- Internal 12 VDC fan installed
- Complies with FCC part 15 subpart J class B at 115 VAC operation & CISPR 22 at 230 VAC operation
- 100% burn-in under high ambient temp. +50°
- MTBF: above 50,000 hours at +40°C
- 100% Hi-pot tested

GENERAL SPECIFICATIONS

Temperature Range:	Operating, 0°C to +40°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 full load & nominal input voltage
Dielectric Withstand:	Input to frame ground 1800 VAC for 1 second
Humidity:	95% RH
Efficiency:	65% minimum measured at normal AC mains 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, 5A (RMS) for 230 VAC

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

Note: All data are subject to change without notice

*Maximum power: 300W
*+3.3V & +5V total output net exceed 200W.
*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 30.0A

FORTRON/SOURCE
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