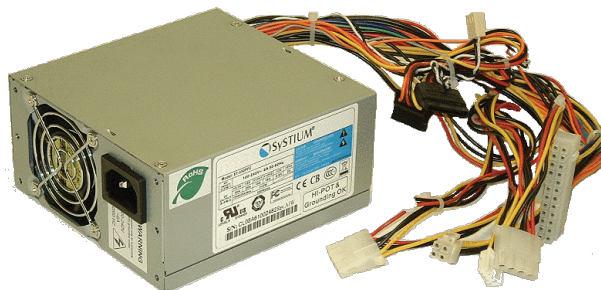




350W SFX POWER SUPPLY 10635-01



350 Watt SFX12V v3.1 Switch Mode Power Supply
Active PFC and RoHs Compliant

Features

Active Power Factor Correction (PFC)
High efficiency and reliability
Pentium 4 ready with connectors
Forward converter circuit
Low Noise and Ripple
Output over voltage, short circuit, and over power protection
Reset after shutdown
Super low noise fan control
Internal Fan (12VDC/26.25cfm/<43db)
100% Hi-pot test
100% burn-in, high temperature cycled on/off

Input Range: 90 ~ 264Vac (RMS), Full Range Input

Frequency: 47 ~ 63Hz

Input Current: 5A (RMS)

Inrush Current: 100A Max cold start

EMC: Complies to EN55022:1998/A1:2000/A2:2003 CLASS B, FCC Part 15 & Part 2 (CISPR22 Class B) standards; CCC GB9254-1998, GB17625.1-2003 standards

Safety: Conforms to IEC60950-1:2000, EN60950-1:2001, UL60950-1 1st, GB4943-2001: TUV, CUL, CB, CCC

Specifications

Temperature Range:

Operating: 0°C ~ +50°C

Storage & shipping: -40°C ~ +85°C

Humidity:

Operating: 20 ~ 85%

Storage: 10% ~ 95%

Efficiency: 80% at normal input voltage (AC 115V 60Hz or AC 230V 50Hz) when 20%, 50%, 100% loading

Rise time: Less than 20ms

Hold-up Time: 16ms minimum at nominal input voltage

Power Good Signal: Power on delay time max 100ms, off delay 1ms minimum (TTL compatible)

Power Factor Correction: 99% typical

MTBF: 100,000 hours @ 75% load at +25°C
(excluding DC fan)

Dimensions (L x W x H):

130mm (5.1") x 125mm (4.9") x 64mm (2.5")

Output Characteristics

Output Voltage	Min. Load	Max. Load	Peak	Load Reg.	Line Reg.	Ripple & Noise
+3.3V	0.3A	20A		± 5%	± 1%	50mV P-P
+5V	0.5A	20A		± 5%	± 1%	50mV P-P
+12V1	1A	18A	18A	± 5%	± 1%	120mV P-P
+12V2	1A	18A	19A	± 5%	± 1%	120mV P-P
-12V	0.0A	0.8A		± 10%	± 5%	150mV P-P
+5Vsb	0.0A	2.0A	2.5A	± 5%	± 1%	50mV P-P

Notes

- Max DC output should not exceed 350W
- Max Peak DC output should not exceed 385W
- Max Load: +5V and +3.3V < 125W/28A
- Max Load: +12V +12V < 312W/26A

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