

Professional Power supply Industrial PC, Server, Storage
Best Solution Guide



GENERAL SPECIFICATIONS

Hold-up time: 17ms at 115Vac/60Hz, 17ms at 230Vac/50Hz.

Efficiency: 80% min. 115/230Vac at full load

MTBF: 100,000 hours at full load at 25°C

Power good signal: 100ms to 500 ms

INPUT SPECIFICATIONS

Input voltage: 90 to 264 VAC

Input frequency: 115V: 60Hz; 230V: 50Hz

Inrush current: 60Amps-peak/115Vac; 90Amps-peak/230Vac

Input current: 5Amps/115Vac; 3Amps/230Vac

OUTPUT SPECIFICATIONS

Over voltage protection: +5V output: 5.85V min, 6.82V max.; +3.3V output: 3.5V min., 4.5V max;

Overload protection: +5V: 50Amps; +3.3V: 50Amps; +12V: 22Amps;

Short circuit protection: The short circuit on any DC output shall not cause any damage to the power supply, including the primary fuse.

ENVIRONMENTAL SPECIFICATIONS

Operating temperature: 0°C to +40°C

Storage temperature: -20°C to +80°C

Relative humidity: 5% to 95% RH non-condensing

DC Output:

OUTPUT VOLTAGE	OUTPUT CURRENT		REGULATION		OUTPUT
	MIN (A)	MAX (A)	LOAD	LINE	RIPPLE & NOISE
					MAX. [P-P]
+5V	0.5	20	±5%	±1%	50mV
+12V1	1	16	±5%	±1%	120mV
+12V2	1	16	±5%	±1%	120mV
+12V3	1	16	±5%	±1%	120mV
-12V	0	0.5	±10%	±1%	150mV
+3.3V	0.5	20	±5%	±1%	50mV
+5VSB	0	2.5	±5%	±1%	50mV

(1) The +3.3V and +5V total output shall not exceed 150watts.

(2) total output for this subject power supply is 460 watts.

(3) Ripply and noise measurements shall be made under all specified load conditions through a single pole low pass filter with 20MHz cutoff frequency. Outputs shall bypassed at the connector with a 0.1uF ceramic disk capacitor and a 10uF electrolytic capacitor to simulate system loading.

(4) -5V is option.

Features...

- > Dimension : 220x 100 x 40.5 mm
- > Application : For Server & Workstation
- > PFC : Active
- > 80 PLUS
- > High efficiency
- > Low Ripple & Noise
- > 100% burn-in under high ambient temperature(50°C)
- > 100% Hi-pot tested
- > Complies with EN61000-3-2
- > AC input full range