Input Specifications

Voltage	100-240Vac ±10% (Active PFC)
Current	6.3A
Frequency	50/60 Hz, Range 47-63 Hz
Efficiency	>68% at full load, nominal line input
Inrush Current	80A max @ 25°C cold start
Leakage Current	<0.75mA

Output Specifications

Voltage	+5V	+12V	+3.3V	-5V	-12V	+5Vsb
Max load	30.0A	14.0A	22.0A	0.5/0A	1.0/3A	2.0A
Min load	0-0.5A	0-0.5A	0-0.3A	0.0A	0.0A	0.0A
Peak load	---	17.0A	---	---	---	---
Regulation	±5%	±5%	±5%	±5%	±5%	±5%
Ripple & Noise	50mV	120mV	50mV	100mV	120mV	50mV

- The continuous total output power is 250W max
- The combined power of +5V and +3.3V is 150W max
- The -5V, -12V, +3.3V, and +5VSB can be optional
- The combined current of –5V and –12V is 1A max ----------Rev A
- The -12V is 3A max when -5V is not present ----------Rev B
- The peak load on +12V lasting 15 seconds max
- Add 0.1uF and 10uF capacitors across output terminal during ripple & noise test

Remote ON/OFF	TTL High/PS-OFF; TTL Low/PS-ON
Hold-Up Time	16msec (minimum) at full load, nominal line I/P
Power Good Delay	100-500 msec
Power Fail Delay	>1 msec
Transient Overshoot	10% max with 20% load change
Rise Time	20ms max at full load
Power Up Time	800ms max at full load
Temp. Coefficient	0.03% per °C max

Protection Specifications

Short Circuit	All outputs to GND	
Over power	150% max	
Over Voltage	+3.3V output	4.10V±0.40V
Over Voltage	+5.0V output	6.25V±0.75V
Over Voltage	+12.0V output	14.6V±1.00V

Dielectric Withstand Voltage

Primary to Secondary	4242VDC for 1 minute
Primary to Earth GND	2800VDC for 1 minute
Insulation Resistance	Primary to earth ground – 500Vdc, 50M ohms

Conducted EMI

Meet FCC	Class B, 115Vac operation
Meet CISPR 22	Class B, 230Vac operation
Meet VCCI	Class 2

Safety Standards

UL 60950	E193705
CUL 60950	E193705
TUV EN 60950	R 72030084
CB Report	US-TUVR-1368
CE	

Environmental Specifications

Operating Temp.	0°C to +50°C
Storage Temp.	-20°C to +60°C
Operating Humidity	20% to 90%, non-condensing at 40°C
Storage Humidity	5% to 95%, non-condensing at 50°C
Operating Altitude	0 to 10,000 feet
Storage Altitude	0 to 50,000 feet

MTBF @ 25°C (Calculated - MIL-217F)

100K HRS. at full load

Dimensions

W x H x D — See mechanical drawing for detail

zz = 80: with Inlet and Power Switch
zz = 85: with Input Power Cable
zz = 88: with Inlet and SW Cable
zz = 89: with Inlet only