



Server's Redundant Power Supply

Power Factor Correction (PFC)

400 Watt, 6 Output, Meet ATX 12V

Hot Swappable Capabilities

SPECIAL FEATURES:

- 400 Watts of Total Output Power
- Universal power input with active power factor correction, PF > 0.95
- Harmonic distortion meets the EN61000-3-2 standards
- Single Wire Current Share on 5V, 3.3V & 12V outputs
- Remote Sense on 5V, 3.3V & 12V outputs
- Internal Oring Diode for N+1 Redundant application
- Gold-Plated Din Connector Provide Higher Reliability
- Power Fault Alarm Signals
- Front Panel LED's to Indicate AC Input and DC Output Power Status
- W x H x D: 153.4 x 214.3 x 187.5 mm
- MTBF > 100,000 hours
- 2 Years Warranty

ENVIRONMENTAL:

- 0-50° C Operating Temperature
- Operating Humidity 20~90% non-condensing
- Cooling via Self Contained Fan
- MTBF > 100,000 hours at 75% load and 25° C ambient conditions

OUTPUT SPECIFICATIONS

Voltage	+5V	+3.3V	+12V	-5V	-12V	5VSB
Max. Load (A)	45	30	20	1.5	1.5	2
Min. Load (A)	2	0	0.5	0	0	0
Load Reg.	±3%	±3%	±3%	±5%	±5%	±5%
Cross Reg.	±3%	±3%	±3%	±5%	±5%	±5%
Line Reg.	1%	1%	1%	1%	1%	1%
Ripple & Noise	1%	1%	1%	1%	1%	1%

Note 1. +5V & +3.3V combine output 300 Watts maximum.

Note 2. +5V & +3.3V & +12V combine output 370 Watts maximum.

ELECTRICAL SPECIFICATIONS

INPUT:

- Input Range : 100 ~ 240 VAC
- Input Frequency of 47-63 Hz
- Input Current of 7 Amps @ 115VAC / 3.5 Amps @ 230VAC
- Efficiency is > 65% at full load and nominal AC input voltage
- Meet FCC part 15, CISPR 22(EN55024), class B;VCCI class 2

OUTPUT:

- Maximum Power of 400 Watts
- Hold-up time of 20mS at full load and nominal AC input voltage
- Over Current Protection set at 110-130% of +5V, +3.3V, & +12V outputs
- Over Voltage Protection set at 110-130% of 5V, 3.3V & 12V outputs
- Over Power Protection of Total output 110- 130% Max.
- Power Good Signal is TTL Compatible/ Signal goes high after turn-on and +5V reach to 4.75V 100-500ms. Signal goes low at least 1ms before the +5V loss of regulation

