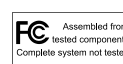


YM-2112AAR



Feature

- 321.5 (L) x 54.5 (W) x 40.0 (H) mm
- N+1 Redundant
- Support PMBus 1.2
- High Power Density 25.72 W/in³
- Application for IPC/Storage/Embedded server/Networking



INPUT	
Input Voltage	90-140VAC @900W, 180-264VAC @1100W
Input Frequency	47-63Hz
Input Current	12.5A max at 115VAC, 7.5A max at 240VAC
Inrush Current	55A max at 264VAC
Power Factor	0.93 at 115VAC / 60Hz, 0.90 at 230V / 50Hz
Earth Leakage Current	3.5mA max at 240VAC / 50Hz

GENERAL	
Efficiency	80 Plus PLATINUM certified, Highest efficiency 94% at 230VAC
Power Density	25.72 W/in ³
MTBF	100 kHrs per Bellcore SR-332 at 25°C ambient

ENVIRONMENTAL	
Operating Temperature	0 to 50°C
Operating Humidity	85% RH, Non-condensing
Storage Temperature	-40°C to +70 °C
Operating Altitude	Sea level to 5,000 M
Shock Operating	5G, no malfunction
Non-Operating	30G no damage
Vibration Operating	0.01G ² /Hz at 10Hz, 0.02G ² /Hz at 20Hz
Non-Operating	0.02G ² /Hz form 20Hz to 1kHz

EMC & SAFETY	
Emissions	EN55022, class A Conducted / EN55022, class A Radiated
Harmonic Currents	EN61000-3-2
Voltage Flicker	EN61000-3-3
EFT/Burst	EN61000-4-4
Surge	EN61000-4-5
Conducted Immunity	EN61000-4-6
Safety Approvals	UL/cUL, TUV, CB, CE, CCC, FCC

Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12V	1.0A	73.5A @900W 90.2A @1100W		150mV p-p
+5Vsb	0.1A	3.6A		60mV p-p

YM-2112AAR

