

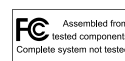
Redundant Module 1000W

YM-2102NAR



Feature

- 260.0 (L) x 98.5 (W) x 40.0 (H) mm
- N+1 Redundant
- Support PMBus 1.2
- Hight Power Density 16.0 W/in³
- Application for IPC/Storage/Embedded server/Networking



INPUT	
Input Voltage	90-264VAC
Input Frequency	47-63Hz
Input Current	15A max at 115VAC, 7.5A max at 240VAC
Inrush Current	60A max at 264VAC
Power Factor	0.95 at 115VAC / 60Hz, 0.93 at 230V / 50Hz
Earth Leakage Current	1.75mA max at 240VAC / 50Hz

GENERAL	
Efficiency	80 Plus GOLD certified, Highest efficiency 92% at 230VAC
Power Density	16.0 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 B Conducted / EN55022, class B 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	82.1A		120mV p-p
+5Vsb	0.1A	6.0A		50mV p-p

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