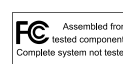


YESM1300AM-2A00P10



Feature

- 321.0 (L) x 50.5 (W) x 40.0 (H) mm
- N+1 Redundant
- Support PMBus 1.2
- High Power Density 33.1 W/in³
- Application for IPC/Storage/Embedded server/Networking



INPUT	
Input Voltage	100-240VAC @1000W, 110-240VAC/190-285VDC @1100W, 200-240VAC/285-310VDC @1300W
Input Frequency	47-63Hz
Input Current	12A / 90-240VAC, 7.5A / 200-240VAC, 7A / 190-285VDC, 5.5A / 285-310VDC
Inrush Current	60A max at 240VAC
Power Factor	0.95 at 115VAC / 60Hz, 0.95 at 230VAC / 50Hz
Earth Leakage Current	1.75mA max at 240VAC

GENERAL	
Efficiency	80 Plus PLATINUM certified, Highest efficiency 94% at 230VAC
Power Density	33.1 W/in ³
MTBF	100 kHrs per Telcordia SR-332 at 25°C ambient

ENVIRONMENTAL	
Operating Temperature	-5 to 50°C
Operating Humidity	90%, Non-condensing
Storage Temperature	-40°C to +70 °C
Operating Altitude	Sea level to 5,000 M
Shock Operating	10G, no malfunction
Non-Operating	50G Trapezoidal Wave, Velocity change 4.3m/sec
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	0A	83A @1000W 91A @1100W 108A @1300W		120mV p-p
+5Vsb	0A	3.0A		50mV p-p

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