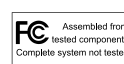


YSEC1600AM-2A00P10



Feature

- 360.0 (L) x 50.5 (W) x 40.0 (H) mm
- N+1 Redundant
- Support PMBus 1.2
- High Power Density 39.5 W/in³
- Application for IPC/Storage/Embedded server/Networking



INPUT	
Input Voltage	90-264VAC @1000W, 180-264VAC/190-310VDC @1600W
Input Frequency	47-63Hz
Input Current	13A / 90-264VAC, 10A / 180-264VAC
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	39.5 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	30G, 11mSec, half sine 3 axes
Non-Operating	TBD
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, CQC, FCC

Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12.2V	0A	82A @1000W 131A @1600W		200mV p-p
+5Vsb	0A	5.0A		50mV p-p

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