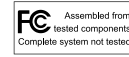


YSEG2000EM-2A00T10



Feature

- 185.0 (L) x 73.5 (W) x 39.0 (H) mm
- N+1 Redundant
- Support PMBus 1.2
- High Power Density 61.8 W/in³
- Application for IPC/Storage/Embedded server/Networking/ AI server



INPUT	
Input Voltage	90-132VAC @1000W, 180 - 264VAC@1800W, 198-264VAC/190-310VDC @2000W
Input Frequency	47-63Hz
Input Current	12.5A / 100-120VAC, 10A/ 200-240VAC,190-310VDC
Inrush Current	40A max at 230VAC
Power Factor	0.98 at 200VAC to 240VAC
Earth Leakage Current	1.75 mA max for each power supply at 240VAC/60Hz

GENERAL	
Efficiency	80 Plus TITANIUM certified, Highest efficiency 96% at 230VAC
Power Density	61.8 W/in ³
MTBF	100 kHrs per Telcordia SR-332 at 25°C ambient

ENVIRONMENTAL	
Operating Temperature	-10 to 55°C
Operating Humidity	5%~85%, 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	0.00046G ² /Hz at 10Hz, 0.0052G ² /Hz at 30Hz
Non-Operating	0.052G ² /Hz at 200Hz, 0.003G ² /Hz at 500Hz

EMC & SAFETY	
Emissions	EN55032, class A Conducted / EN55032, 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	1A	82A @1000W 147A @1800W 164A @2000W		120mV p-p
+12Vsb	0A	3.0A		120mV p-p

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