

YSEG1600EM-2A00T10



Feature

- 185.0 (L) x 73.5 (W) x 39.0 (H) mm
- N+1 Redundant
- Support PMBus 1.2
- High Power Density 49.5 W/in³
- Application for IPC/Storage/Embedded server/Networking/ AI server



INPUT	
Input Voltage	100-120VAC @1000W, 200-240VAC/190-310VDC @1600W
Input Frequency	47-63Hz
Input Current	12.5A / 100-120VAC, 10A/ 200-240VAC, 240VDC
Inrush Current	40A for 5ms at 115VAC, 60A for 5ms at 230VAC/240VDC
Power Factor	0.99/ 200VAC to 240VAC & 50Hz / 60Hz
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	49.5 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%RH, 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, CCC, FCC

Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12.2V	1A	82A 131A		120mV p-p
+12Vsb	0A	3A		120mV p-p

