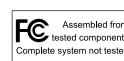


YNEC2000AM-2A00P10



Feature

- 321.5 (L) x 54.5 (W) x 40.0 (H) mm
- N+1 Redundant
- Support PMBus 1.2
- High Power Density 46.8 W/in³
- Application for IPC/Storage/Embedded server/Networking/ AI server



INPUT	
Input Voltage	90-100VAC @800W, 100-180VAC @1000W, 200-264VAC/200-310VDC @1800W, 220-264VAC/220-310VDC @2000W
Input Frequency	47-63Hz
Input Current	13A / 90-180VAC, 10A/ 200-264VAC, 240VDC
Inrush Current	75A for 0.1ms at 115VAC/230VAC/240VDC
Power Factor	0.98/ 200VAC to 240VAC & 50Hz / 60Hz
Earth Leakage Current	1.75 mA max for each power supply at 240VAC/60Hz

GENERAL	
Efficiency	80 Plus PLATINUM certified, Highest efficiency 94% at 230VAC
Power Density	46.8 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, 0.0001G 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
+12V	0A	66.6A @800W 83.3A @1000W 150A @1800W 166.6A @2000W		180mV p-p
+5Vsb	0A	2A		120mV p-p

ALLOW PIN LENGTH
3.0MAX.
[0.118MAX.]

