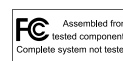


## YH5112-1GAR2A0D



### Feature

- 355.0 (L) x 106.0 (W) x 41.5 (H) mm
- 1+1 Redundant
- Support PMBus 1.2
- No Minimum Load Required
- Application for IPC/Storage/Embedded server/Networking



INPUT	
Input Voltage	90-132VAC/190-310VDC @850W, 180-264VAC/240-310VDC @1100W
Input Frequency	47-63Hz
Input Current	12.0A / 115VAC, 8.0A / 230VAC
Inrush Current	60A max at 264VAC
Power Factor	0.95/115VAC, 0.95/230VAC
Earth Leakage Current	3.5mA max for each power supply at 240VAC

GENERAL	
Efficiency	80Plus Platinum
Power Density	11.6 W/in <sup>3</sup>
MTBF	100 kHrs per Bellcore SR-332 at 25°C ambient

ENVIRONMENTAL	
Operating Temperature	-5 to 50°C
Operating Humidity	85% RH, 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 <sup>2</sup> /Hz at 10Hz, 0.02G <sup>2</sup> /Hz at 20Hz
Non-Operating	0.02G <sup>2</sup> /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, CCC, FCC

Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+3.3V	0A	25A	+3.3V ~ +5V combined power ≤ 210W	50mV p-p
+5V	0A	36A		50mV p-p
+12V	0A	70A @850W 90.5A @1100W		120mV p-p
-12V	0A	0.5A		120mV p-p
+5Vsb	0A	3.0A		50mV p-p

## YH5112-1GAR2A0D

