

## YH5301-1CAR



### Feature

- 210.0 (L) x 84.0 (W) x 82.0 (H) mm
- 1+1 Redundant
- Support PMBus 1.1
- Application for IPC/Storage/Embedded server/Networking



INPUT	
Input Voltage	90-264VAC
Input Frequency	47-63Hz
Input Current	5.0A max at 115VAC, 2.5A max at 230VAC
Inrush Current	150A max at 230VAC
Power Factor	0.98 at 115VAC / 60Hz, 0.93 at 230V / 50Hz
Earth Leakage Current	3.5mA max at 264VAC / 50Hz

GENERAL	
Efficiency	80 Plus SILVER certified, Highest efficiency 89% at 230VAC
Power Density	
MTBF	100 kWhrs per Bellcore SR-332 at 25°C ambient

ENVIRONMENTAL	
Operating Temperature	0 to 40°C
Operating Humidity	5 - 90%, Non-condensing
Storage Temperature	-40°C to +70 °C
Operating Altitude	Sea level to 5,000 M
Shock Operating	5G, no malfunction
Non-Operating	
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 B Conducted / EN55022, class B 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	0.5A	20A	+3.3V ~ +5V combined power ≤ 140W	50mV p-p
+5V	0.5A	20A		50mV p-p
+12V	2.0A	24A		120mV p-p
-12V	0A	0.5A		120mV p-p
+5Vsb	0.1A	4.0A		50mV p-p

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