

## YH5102-1RAR0A2D



### Feature

- 300.0 (L) x 101.7 (W) x 83.8 (H) mm
- 1+1 Redundant
- Support PMBus 1.2
- Application for IPC/Storage/Embedded server/Networking



INPUT				
Input Voltage	-36 ~ -72VDC			
Input Current	36A max at -36VDC, 20A max at -72VDC			
Inrush Current	100A max at -72VDC			
Earth Leakage Current	3.5mA max for each power supply at -75VDC			
GENERAL				
Efficiency	80% at Max load of -48 --72VDC			
Power Density				
MTBF	100 kHrs per Bellcore SR-332 ISSUE1 at 25°C ambient			
ENVIRONMENTAL				
Operating Temperature	0 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	5G, no malfunction			
Non-Operating	30G, no damage			
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 from 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	0.1A	24A	+3.3V ~ +5V combined power $\leq 170W$	50mV p-p
+5V	0.1A	30A		50mV p-p
+12V	1.0A	79A		120mV p-p
-12V	0A	0.5A		120mV p-p
+5Vs	0.1A	6.0A		50mV p-p

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