

YVIC0450CH-5A00N02



Feature

- 220.0 (L) x 106.0 (W) x 40.5 (H) mm
- 1+1 Redundant
- Support PMBus 1.2
- No Minimum Load Required
- Application for IPC/Storage/Embedded server/Networking



INPUT

Input Voltage	-36 - -72VDC
Input Current	17.0A / -36VDC, 9.0A / -72VDC
Inrush Current	100A max at -72VDC
Earth Leakage Current	

GENERAL

Efficiency	80% at Max load of -48VDC
Power Density	
MTBF	100 kHrs per Telcordia SR-332 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	10G, no malfunction
Non-Operating	50G Trapezoidal Wave, Velocity change 4.3m/sec
Vibration Operating	0.01G ² /Hz at 10Hz, 0.02G ² /Hz at 20Hz
Non-Operating	0.02G ² /Hz form 20Hz to 1kHz

EMC & SAFETY

Emissions	EN55032, class A Conducted / EN55032, class A Radiated
Harmonic Currents	
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	20A	+3.3V ~ +5V combined power ≦ 140W	50mV p-p
+5V	0A	20A		50mV p-p
+12V	0A	37.5A		120mV p-p
-12V	0A	0.5A		120mV p-p
+5Vsb	0A	3.0A		50mV p-p

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