

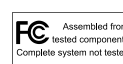
Redundant Module 820W

YM-2821JAR



Feature

- 260.0 (L) x 98.5 (W) x 40.0 (H) mm
- N+1 Redundant
- Support PMBus 1.2
- High Power Density 13.12 W/in³
- Application for IPC/Storage/Embedded server/Networking



INPUT	
Input Voltage	-36 - -72VDC
Input Current	30A max at -36VDC, 15A max at -72VDC
Inrush Current	100A max at -72VDC
Earth Leakage Current	1.5mA max for each power supply at -75VDC

GENERAL	
Efficiency	82% at Max load of -48 - 72VDC
Power Density	13.12 W/in ³
MTBF	100 kHrs per Bellcore 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	5G, no malfunction
Non-Operating	30G, no damage
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	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
+12V	1.0A	66.67A		120mV p-p
+5Vsb	0.1A	4.0A		50mV p-p

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