

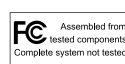
Redundant Module 1600W

YSEF1600FM-2A00N01



Feature

- 185.0 (L) x 73.5 (W) x 39.0 (H) mm
- N+1 Redundant
- Support PMBus 1.2
- No Minimum Load Required
- Application for IPC/Storage/Embedded server/Networking



INPUT

Input Voltage	-40- -72VDC
Input Current	50A / -40- -72VDC
Inrush Current	80A max at -48VDC
Earth Leakage Current	

GENERAL

Efficiency	
Power Density	49.5W/in ³
MTBF	100 kHrs per Telcordia SR-332 at 25°C ambient

ENVIRONMENTAL

Operating Temperature	-20 to 50°C
Operating Humidity	95% RH, Non-condensing
Storage Temperature	-40°C to +70 °C
Operating Altitude	Sea level to 5,000 M
Shock Operating	30G, 11mSec, half sine 3 axes
Non-Operating	TBD
Vibration Operating	0.00046G ² /Hz at 10Hz, 0.0052G ² /Hz at 30Hz
Non-Operating	0.052G ² /Hz form 5Hz to 200Hz, 0.003G ² /Hz form 500Hz

EMC & SAFETY

Emissions	EN55032, class A Conducted / EN55032, 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, CQC, FCC

Output	Minimum Load	Maximum Load	Condition	Ripple & Noise
+12V	0A	130A		120mV p-p
+12Vsb	0A	2.1A		120mV p-p

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