EFRD-S257

DC To DC 250W ERP1U Redundant Power Module

Features:

High Efficiency >80%

250W with +12V, -12V and +5VSB Output

0~50℃ Working Temperature

Dimension: 50.5(W) x 40(H) x 220(D) mm



General Specification

- Input Range:-36V~-72VDC
- Efficiency: ≧80% @ -48VDC
- Short Circuit Protection
- Over Current Protection
- Over Voltage Protection
- No load Operation
- Over Temperature Protection
- MTBF >100,000 Hours@25℃
- Operating Temperature: 0 to 50 ℃
- Operating Humidity: 20 to 90 %
- EMI/RFI: CE, FCC class A
- Safety: UL, CB, TUV, CCC

Input and Output Characteristics

Input			Output		
Voltage	Current	Load	+12V	-12V	+5VSB
-36V~-72 VDC	9~4.5A	Max.Load	20A	0.5A	2A
		Min.Load	0.8A	0A	0A

Note: Noise bandwidth is from DC to 20 MHz

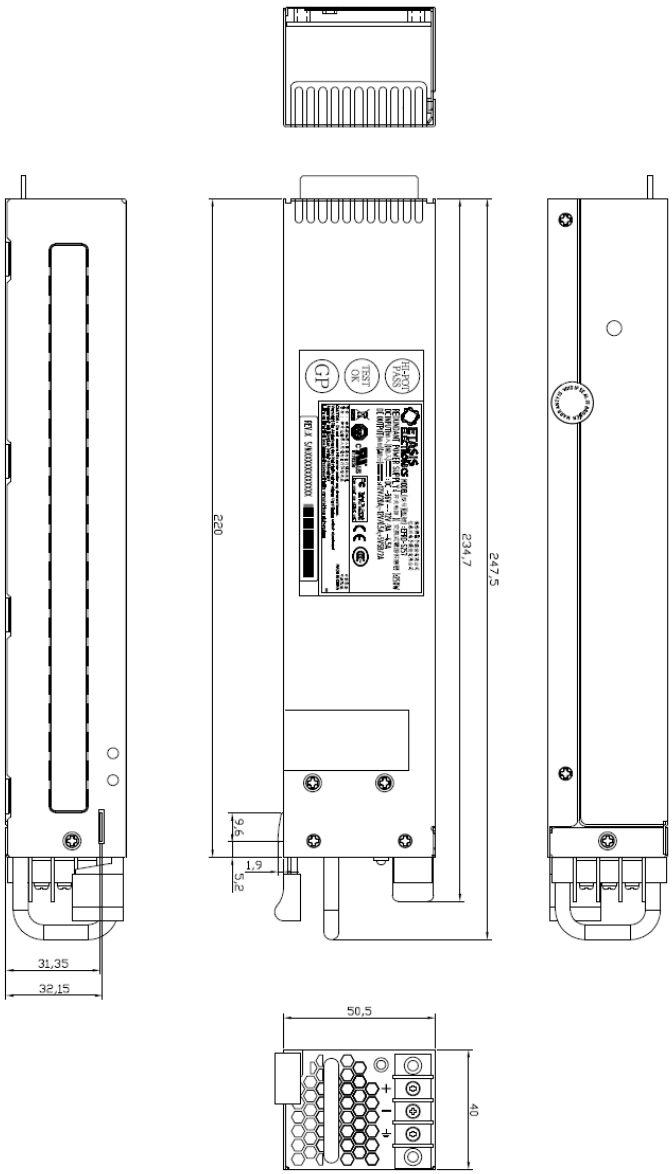
Ripple and Noise

Output	+12V	-12V	5Vsb
Load Regulation	± 5%	± 5%	± 5%
Line Regulation	± 1%	± 1%	± 1%
Ripple & Noise	120mV	120mV	60mV

Mechanical

Outline Dimension: 50.5x40x220(mm)

Outline Drawing



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