

EFRD-S2657H

1U DC To DC 650W Server Power Supply

Features:

- N+1 Redundant Design
- High Efficiency $\geq 80\%$
- Power Failure Alarm
- PMBus Support
- 0~50°C Working Temperature

General Specification

- Input Range: -40V~-72VDC
- Efficiency: $\geq 80\%$ @ -48VDC
- Short Circuit Protection
- Over Current Protection
- Over Voltage Protection
- No load Operation
- Over Temperature Protection
- MTBF >100,000 Hours@25°C
- Operating Temperature: 0 to 50 °C
- Operating Humidity: 20 to 90 %
- EMI/RFI: CE, FCC class A
- Safety: UL, CB, TUV, CCC, BSMI



Input and Output Characteristics

Input			Output						
Voltage	Frequency	Current	Load	+3.3V	+5V	+12V	-12V	-5V	+5Vsb
100~240 VAC	47~63Hz	10~5A	Max.Load	24A	24A	53A	0.5A		3A
			Min.Load	0A	0A	1A	0A		0.1A

Note: 1: The +3.3 & +5 Volt total outputs shall not exceed 140W.

2: Noise bandwidth is from DC to 20 MHz.

Ripple and Noise

Output	+3.3V	+5V	+12V	-12V	5Vsb
Load Regulation	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$
Line Regulation	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$
Ripple & Noise	60mV	60mV	120mV	120mV	60mV

Mechanical

Outline Dimension: 106x41.5x355(mm)

Outline Drawing

