

EFRP-S2257H

1U 250W Server Power Supply

Features:

- N+1 Redundant Design
- High Efficiency $\geq 80\%$
- Power Failure Alarm
- Front Access Ability
- 0~40°C Working Temperature

General Specification

- Input Range: 100 to 240 VAC, +/-10%
- Power Factor: ≥ 0.95 minimum
- Efficiency: $\geq 80\%$ @ 115VAC
- Hold Up Time: 16ms @ 80% Load
- 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 40 °C
- Operating Humidity: 20 to 90 %
- EMI/RFI: CE, FCC class B
- 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	4~2A	Max.Load	20A	20A	20A	0.5A		2A
			Min.Load	0.5A	0.5A	0.8A	0A		0A

Note:1: The +3.3 & +5 Volt total outputs shall not exceed 120W.

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	55mV	55mV	120mV	120mV	55mV

