

EFRP-2463

ERP2U 460W Server Power Supply

Features:

- N+1 Redundant Design
- 0~50°C Working Temperature
- SSI Standard Compliant

General Specification

- Input Range: 100 to 240 VAC, +/-10%
- Power Factor: 0.95 minimum
- Efficiency: ≥65%
- Hold Up Time: 17ms minimum, at 80% load
- Short Circuit Protection
- Over Current Protection
- Over Voltage Protection
- MTBF >100,000 Hours@25°C
- Operating Temperature: 0 to 50 °C (Derate linearly to 50 °C from 100% load to 80% load)
- Operating Humidity: 20 to 90 %
- EMI/RFI: CE, FCC class B
- Safety: UL, TUV, CCC, CB, BSMI



EFRP-2463

Input and Output Characteristics

Input			Output						
Voltage	Frequency	Current	Load	+3.3V	+5V	+12V	-12V	-5V	+5VSB
100~240 VAC	47~63Hz	8~4A	Max.Load	28A	30A	35A	0.8A		2A
			Min.Load	1A	3A	1A	0A		0A

- The +5 & +3.3 Volt combine total output shall not exceed 200W
- Peak +12V DC output power should not exceed 38A peak for a minimum of 12 seconds
- The +5, +3.3, and +12 Volt total output shall not exceed 440 W
- Maximum continues total DC output power shout not exceed 460W

Ripple and Noise

Output	+3.3V	+5V	+12V	-12V	5Vsb
Load Regulation	±4.5~4%	± 5%	± 5%	± 5%	± 5%
Line Regulation	± 1%	± 1%	± 1%	± 1%	± 1%
Ripple & Noise	50Mv	50mV	120mV	120mV	50mV

Mechanical

Outline Dimension: 101.8x83.8x300(mm)

Outline Drawing

