

EFRP-2553H

1U 550W Server Power Supply

Features:

- N+1 Redundant Design
- 0~40°C Working Temperature
- SSI Standard Compliant

General Specification

- Input Range: 100 to 240 VAC, +/-10%
- Power Factor: 0.95 minimum
- Efficiency: ≥65% @ 115VAC
- Hold Up Time: 17ms minimum, at full load
- Short Circuit Protection
- Over Current Protection
- Over Voltage Protection
- No Load Operation
- 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, TUV, CB, CCC, BSMI



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Input and Output Characteristics

Input			Output						
Voltage	Frequency	Current	Load	+3.3V	+5V	+12V	-12V	-5V	+5VSB
110~240 VAC	47~63Hz	8~4A	Max.Load	28A	30A	35A	0.8A		2A
			Min.Load	1A	2A	1A	0.0A		0.1A

1. The +5 & +3.3 Volt combine total output shall not exceed 200W
2. The +5, +3.3 and +12 Volt total output shall not exceed 530W
3. Maximum continues total DC output power shout not exceed 550W

Ripple and Noise

Output	+3.3V	+5V	+12V	-12V	5Vsb
Load Regulation	±5%	± 5%	± 5%	+9%/-5%	± 5%
Line Regulation	± 1%	± 1%	± 1%	± 1%	± 1%
Ripple & Noise	50mV	50mV	120mV	120mV	50mV

Mechanical

Outline Dimension: 206.4x41x325(mm)

Outline Drawing

