

1U Type N+1 Redundant Power Supply

EFRP-4553H

Dimension: 422(W) x 43(H) x 340(D) mm



Input / Output: AC / DC

- 1500 + 550 watts Output Power
- N + 1 Redundant Configuration
- Meet Rackmount System

Electrical Specifications

• Regulation, Ripple & Noise

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

• Input / Output Ratings

Model No.	Input			Output										
	Voltage	Frequency	Current	Watt	Load	+5V	+3.3V	+12V	+12V	+12V	+12V	-5V	-12V	5Vsb
EFRP 4553H	100-240 VAC	47-63 Hz	22-11A	1200W	Max	60A	60A	90A	-	-	-	-	1A	2A
					Min	2A	2A	6A	-	-	-	-	0A	0A

- Note: 1. The +5 & +3.3 Volt combined total output shall not exceed 420W.
 2. The +5, +3.3 and +12 Volt combined total output shall not exceed 1480W.
 3. Noise bandwidth is from DC to 20 MHz.

Features

- Quick Removable Application
- Active Power Factor Correction
- Universal Power Input
- Current Sharing on +5V, +3.3V and +12V
- Remote DC Sense on +5V, +3.3V
- Front panel LED to Indicate Power Status
- Power Fault Alarm Signals
- Over Voltage Protection
- Over Current Protection
- Over Power Protection
- Short Circuit Protection
- MTBF > 100,000 Hours

General Specifications

- Input Range: 100 to 240 VAC
- Power Factor: 0.98 minimum
- Efficiency: 65% minimum, at full load
- Hold up Time: 20mS minimum, at full load
- PSON (Remote ON/OFF): TTL Signal
- Power Good: 200 to 500 ms, TTL Signal
- Cooling Fan: 38 x 38 x 28 mm
- Operating Temperature: 0 to 40°C
- Operating Humidity: 20 to 90%

Agency Requirements

- Harmonic: Meet EN61000-3-2
- EMI/RFI: CE, FCC class B, BSMI
- Safety: UL, cUL, TUV, CB, CCC

Application

- Rackmount
- Server
- Industrial PC
- Blade Server

Processors

- Xeon

