

EFRP-S4553H

1U 3+1 Redundant Power Supply

Features:

- Efficiency $\geq 80\%$
- 0~50°C Working Temperature
- Front Access Ability
- Power Failure Alarm



General Specification

- Input Range: 100 to 240 VAC, +/-10%
- Power Factor: ≥ 0.97 minimum
- Efficiency: 80% ~86% efficiency at +12V full load and +5VSB/0.1A
- Hold Up Time: 16ms 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 50°C
- Operating Humidity: 20 to 90%

Input and Output Characteristics

Input			Output						
Voltage	Frequency	Current	Load	+3.3V	+5V	+12V	-12V	-5V	+5VSB
100~240 VAC	47~63Hz	22~11A	Max.Load	65A	85A	120A	0.5A		3.5A
			Min.Load	1A	1A	2A	0A		0.1A

Notes:

1. The +3.3 & +5 Volt combined total outputs shall not exceed 550W.
2. The +3.3, +5 & +12 Volt combined total output shall not exceed 1500W

Ripple and Noise

Output	+3.3V	+5V	+12V	-12V	5Vsb
Load Regulation	$\pm 5\%$	$\pm 5\%$	$\pm 5\%$	$\pm 10\%$	$\pm 5\%$
Line Regulation	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$
Ripple & Noise	60mV	60mV	120mV	120mV	60mV

Mechanical

Outline Dimension: 422x43x320 (mm)

Weight: 12Kg

Outline Drawing

