

EFRP-553

550W Output Redundant Power Module

Features:

- 7 Output Rails
- 0~50°C Working Temperature
- Designed for storage application

General Specification

- Input Range: 100 to 240 VAC, +/-10%
- Power Factor: 0.95 minimum
- Efficiency: ≥65% at typical load
- 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 50 °C
- Operating Humidity: 20 to 90 %
- EMI/RFI: CE, FCC class B
- Safety: UL, CCC, TUV, CB, BSMI



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Input and Output Characteristics

Input			DC Output					
Voltage	Frequency	Current	Load	+3.3V	+5V	+12V	-12V	+5VSB
100~240 VAC	47~63Hz	10-5A	Max.Load	24A	20A	42A	0.8A	2or3A
			Min.Load	1A	2A	1A	0A	0.1A

- The +5 & +3.3 Volt total output shall not exceed 140W
- Peak +12V DC output power should not exceed 45A peak for 12 seconds.
- The +5 ,+3.3 & 12Volt total output shall not exceed 540W
- 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: 98.5x40x267.7(mm)

Outline Drawing

