

# EFRP-S603

## ERP1U 600W Redundant Power Module

### Features:

- High Efficiency  $\geq 80\%$
- 0~50°C Working Temperature
- +12V and +5VSB Output
- PMBus Support



### General Specification

- ⦿ Input Range: 100 to 240 VAC, +/-10%
- ⦿ Power Factor: > 0.97 minimum
- ⦿ Hold Up Time: 17ms @ 80% 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, CCC, CB, BSMI

### Input and Output Characteristics

Input			DC Output		
Voltage	Frequency	Current	Load	+12V	+5VSB
100~240 VAC	47~63Hz	10-6A	Max.Load	49A	3.5A
			Min.Load	0.8A	0.1A

Note: Total combined output shall not exceed 600W

### Ripple and Noise

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

## Mechanical

Outline Dimension: 98.5mm(W) x 40mm(H) x 220mm(D)

## Outline Drawing

