

3U Type N+1 Redundant Power Supply

EFRP-3400S

ATX12V

750W + 400W Output Power
N+1 Redundant Configuration
Meet 3U Rackmount System



Dimensions: 127(W) x 86(H) x 290(D) mm

Features:

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

General Specifications:

- ⦿ Input Range: 100 to 240 VAC, +/-10%
- ⦿ Power Factor: 0.95 minimum
- ⦿ Efficiency: 65% minimum, at full load
- ⦿ Hold up Time: 20mS minimum, at full load
- ⦿ PSON (Remote ON/OFF): TTL compatible signal
- ⦿ Power Good: 100 to 500 ms, TTL compatible signal
- ⦿ Operating Temperature: 0 to 50 °C
- ⦿ Operating Humidity: 20 to 90 %

Agency Requirements:

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

Electrical Specifications:

Regulation, Ripple & Noise:

Output	+5V	+3.3V	+12V1	+12V2	+12V3	+12V4	-12V	5Vsb
Load Regulation	+5%/-3%	+5%/-4%	+5%/-4%	+5%/-4%	+5%/-4%	+5%/-4%	+9%/-5%	+5%/-3%
Line Regulation	± 1%	± 1%	± 1%	± 1%	± 1%	± 1%	± 1%	± 1%
Ripple & Noise	50mV	50mV	120mV	120mV	120mV	120mV	50mV	50mV

Input and Output Ratings:

Model No	Input				Output								
	Voltage	Frequency	Current	Watt	Load	+5V	+3.3V	+12V1	+12V2	+12V3	+12V4	-12V	5VSB
EFRP-3400	100-240	47-63Hz	14-7A	800W	Max.	30A	30A	16A	16A	16A	16A	0.5A	3A
	VAC				Min.	1.5A	1A	0.8A	0.8A	0.8A	0.8A	0A	0.1A

Note 1: The +5 & +3.3 Volt total output shall not exceed 140 W.

Note 2: The +5, +3.3 & +12Volt total output shall not exceed 670W.

Note 3: Maximum continuous total DC output power shall not exceed 780W.

Note 4: Maximum combined current for the 12 V outputs shall be 58 A.