

3U Redundant N+1 Hot-Swap Power Supply

EFRP-3603

1200 watts Output Power

Single +12V Outputs Rails

High Efficiency

EPS12V Application

Meet 3U Rack Mount System



Dimensions:101.2mm(W) x 125.7mm(H) x 300mm(D)

Features:

- ⦿ Active power Factor Correction
- ⦿ Harmonic: Meet EN61000-3-2 standards
- ⦿ Remote DC Sense on +3.3V and +5V
- ⦿ Universal Power Input
- ⦿ Short Circuit Protection
- ⦿ Over Current Protection
- ⦿ Over Voltage Protection
- ⦿ MTBF >100,000 Hours

General Specifications:

- ⦿ Input Range: 100 to 240 VAC, +/-10%
- ⦿ Power Factor: 0.95 minimum
- ⦿ 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 45 degree
- ⦿ Operating Humidity: 20 to 90 %
- ⦿ EMI/RFI: CE, FCC class B
- ⦿ Safety: UL, cUL, TUV

Electrical Specifications:

Regulation, Ripple & Noise:

Output	+3.3V	+5V	+12V1	+12V2	+12V3	+12V4	-12V	5Vsb
Load Regulation	±3%	± 3%	± 5%	± 5%	± 5%	± 5%	± 10%	± 5%
Line Regulation	± 1%	± 1%	± 1%	± 1%	± 1%	± 1%	± 1%	± 1%
Ripple & Noise	50mV	50mV	120mV	120mV	120mV	120mV	120mV	50mV

Input and Output Ratings:

Input Voltage	Frequency	Input Current	Load	+3.3V	+5V	+12V1	+12V2	+12V3	+12V4	-12V	+5VSB
100 ~ 240 VAC	47 ~ 63 Hz	9.6 ~ 4A	Max Load	30A	30A	24A	24A	24A	24A	1A	2A
			Min Load	1A	1A	0.8A	0.8A	0.8A	0.8A	0A	0.1A

Note1: The +3.3V and +5V total output shall not exceed 250W.

Note2: The +3.3V, +5V and +12V total output shall not exceed 1170W.

Note3: Maximum continues load on the combined 12V output shall not exceed 85A.

