

## 2U Type Redundant Power Supply

# EFRP-2652 (Coming soon)

EPS2U



(TBD)

Dimensions: 150(W) x 86(H) x 220(D) mm

**650+650 watts Output Power**

**Support to Dual Nocona Processors**

**Redundant Configuration**

**Meet 2U Rack Mount System**

### Features:

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

### General Specifications:

- ⦿ Input Range: 100 to 240 VAC,  $\pm 10\%$
- ⦿ Power Factor: 0.98 minimum
- ⦿ Efficiency: 80% minimum, at full load **(80 plus)**
- ⦿ Hold up Time: 20mS minimum
- ⦿ PSON (Remote ON/OFF): TTL compatible
- ⦿ Power Good: 100 to 500 ms, TTL compatible
- ⦿ Operating Temperature: 0 to 45 °C
- ⦿ Operating Humidity: 20 to 90 %

### Agency Requirements:

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

### Electrical Specifications:

#### Regulation, Ripple & Noise:

Output	+3.3V	+5V	+12V1	+12V2	+12V3	+12V4-	-12V	5Vsb
Load Regulation	+5/-5 %	+5/-5 %	+5/-5 %	+5/-5 %	+5/-5%	+5/-5 %	$\pm 5\%$	$\pm 5\%$
Cross Regulation	+5/-5 %	+5/-5 %	+5/-5 %	+5/-5 %	+5/-5 %	+5/-5 %	$\pm 5\%$	$\pm 5\%$
Line Regulation	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$	$\pm 1\%$
Ripple & Noise	50mV	50mV	120mV	120mV	120mV	120mV	120mV	50mV

#### Input and Output Ratings:

Voltage	Input				Load	Output				
	Frequency	Current	Watt			+3.3V	+5V	+12V	-12V	5Vsb
100 – 240 VAC	47-63 Hz	9~4.5 A	650W	Max Load	24A	35A	50A	1A	3.5A	
				Min Load	1A	1A	1A	0A	0.1A	

Note: 1. The +5 & +3.3 Volt total combined output shall not exceed 200W

2. The +5, +3.3 and +12 Volt total combined output shall not exceed 650W

3: Noise bandwidth is from DC to 20 MHz.

**2U Type N+1 Redundant Power Supply**

**EFRP-2652(TBD)**

**Dimensions (Unit: mm):**

