

Mini 1U Series Power Supply

EFRP-M300



Dimensions: 79(W) x 40(H) x 215(D) mm

Features:

- ⦿ Mini 1U Dimension
- ⦿ Short Circuit Protection
- ⦿ Over Current Protection
- ⦿ Over Voltage Protection
- ⦿ Remote DC Sense on +5V and +3.3V
- ⦿ MTBF >100,000 Hours@25°C

General Specifications:

- ⦿ Input Range: 90Vac ~ 264Vac
- ⦿ Efficiency: 70% minimum
- ⦿ Hold up Time: 17mS minimum, at full load
- ⦿ PSON (Remote ON/OFF): TTL compatible signal
- ⦿ Power Good: 100 to 1000 ms, TTL compatible signal
- ⦿ Operating Temperature: 0 to 40 degree
- ⦿ Operating Humidity: 20 to 90 %

Agency Requirements:

- ⦿ EMI/RFI: CE, FCC class B and CISPR class B
- ⦿ Safety: UL, cUL, CB, TUV, BSMI

Electrical Specifications:

Regulation, Ripple & Noise:

Output	+5V	+3.3V	+12V	-12V	5Vsb
Load Regulation	± 5%	± 5%	± 5%	± 5%	± 5%
Cross Regulation	± 5%	± 5%	± 5%	± 5%	± 5%
Line Regulation	± 1%	± 1%	± 1%	± 1%	± 1%
Ripple & Noise	50mV	50mV	120mV	120mV	50mV

Input and Output Ratings:

Model No	Output								
	Voltage	Current	Watt	Load	+5V	+3.3V	+12V	-12V	5Vsb
EFRP-M300	90~264 VAC	6-3A	300W	Max Load	20A	20A	22A	0.8A	3.0A
				Min Load	1A	1A	2A	0A	0.1A

Note: a. +3.3V and +5V total Output should not exceed 25A

b. Total Output shall not exceed 300W