

EFRP-PA50

Universal Input SMPS module
 950W/1500W Redundant Power Module
 High Reliable AC input Inlet connector



**The Best for High Performance Computing
 With High Density Server storage in Data Center**

Input and Output Characteristics:

Input		Output					
Volt	100 – 240 Vac	Volt	Max. Load	Min. Load	Ripple & Noise	Load Reg.	Line Reg.
Current	10A-7.8A	+12V	¹ 79A /125A	1A	120mV	±5%	±1%
Inrush	² 25A / 55A	+5VSB	4A	0.1A	50mV	±5%	±1%

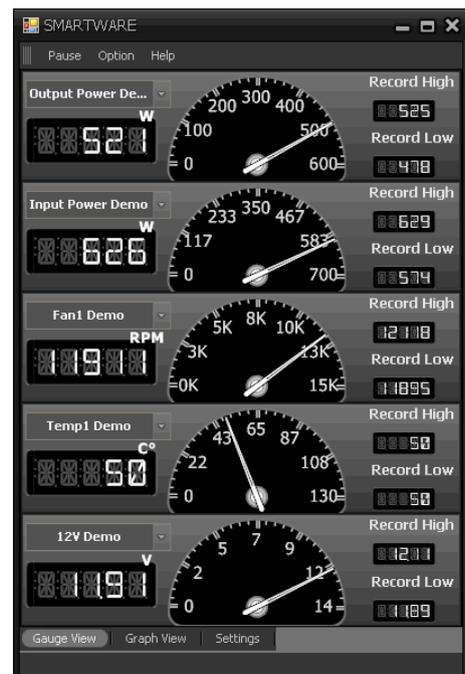
** 1 Total combined output power shall not exceed 950W at 110Vac input, 1500W at 220Vac input.

** 2 Inrush Current 25A peak at cold start for 1/4 of AC cycle, 55A peak at cold start for 1/4 of AC cycle
 The charging current for X capacitors is not considered as in-rush current.

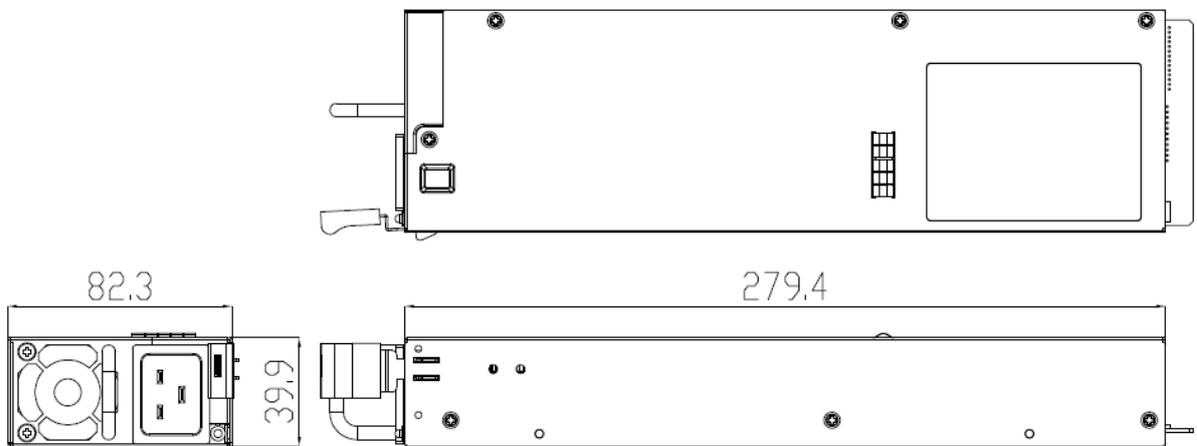
Features:

- ⊙ Dimension: 279.4x82.30x39.9 mm
- ⊙ Universal AC nominal Input Voltage
- ⊙ Hot-Swappable Redundancy configuration
- ⊙ ERP1U form factor with N+1 Solution
- ⊙ Efficiency: ≥94% at typical Load
- ⊙ Short Circuit Protection
- ⊙ Over Current Protection
- ⊙ Over Voltage Protection
- ⊙ Over Temperature Protection
- ⊙ MTBF >100,000 Hours
- ⊙ Operating Temperature: 0 to 40°C
- ⊙ Operating Humidity: 20 to 90 %
- ⊙ Multi-display LED indicated Status
- ⊙ Support to PMBus compliance
- ⊙ FAN Thermal control configuration

PMBus and Smarware



Mechanical Outline Drawing



AC input Mating Power Cord (Recommended):

Recommended Mating: IEC320-C19 AC power Cord



DC Output mating Connector (Recommended):

Recommended Mating Connector: ALLTOP (C210, Pitch=2.54mm)

7A Power Edge Card (2 x 29 Pins)



***Technical information in this specification is subject to change without notice. (2012/Q3)*