750 to 9600W, Hot Swap Modular 19”Power Tray System, 1U-4U

- **1U x 19” Rack Housing Units**
- **Universal AC Input With PFC**
- **Up to 2400 Watts in 1U**
- **Up to 9600 Watts in 4U**
- **Hot Swap Power Modules**
- **24, 28, 48, 54.5 or 56 Volt Output**
- **Full Control & Status Signals**
- **For Bulk Power / Redundancy**

Description : Fully flexible hot swap modular rack system to give bulk power or redundant system. From 750 to 2400 Watts in 1U tray or up to 9,600 Watts in 4 tray stack with power sharing. Fully self contained power modules with full independent control and separate mains feed. Full analogue signals (Digital interface option on rack). Battery back-up and DC standby system capability. True hot swap and power share of modules. A unique & flexible solution.

Specification (Rack and Individual Power Modules)

Input Voltage..... 85~264 VAC, 47~63 Hz
Power Factor..... >0.99 typical
Output Voltage..... See table below (factory set, options for non standard versions)
Output Power (per module)..... 750W (24 to 28 Volts), 800W (48 to 56 Volts)
Output Power (per 1U rack)..... 2250W (24 to 28 Volts), 2400W (48 to 56 Volts)
Maximum Multi Rack System……24 to 28 Volts 750 to 9000W (1 to 4U)
48 to 56.2 Volts, 800 to 9600W (1 to 4U)
Over Load Protection..... Constant current limiting
Over Voltage Protection..... 110~115% of output voltage
Hold Up Time..... 20 ms
Efficiency.....85-88% dependent on input voltage
Operating Temperature.....0~70 °C
Storage Temperature..... -40~85 °C
Humidity..... 5~95%
Full Approvals.....For safety and EMC, CE, UL, TUV, IEC
(contact office for full details)
MTBF (Power Module)..... 400,000 Hours
Control & Monitoring..... Full analogue & digital interface option

Output Versions

Power Module	Input Voltage	Output Voltage	Output Power	1U Full Rack Power
A750-085-240	85~264 VAC	24 V	750 Watts	2250 Watts
A750-085-280	85~264 VAC	28 V	750 Watts	2250 Watts
A800-085-480	85~264 VAC	48 V	800 Watts	2400 Watts
A800-085-545	85~264 VAC	54.5 V	800 Watts	2400 Watts
A800-085-562	85~264 VAC	56.2 V	800 Watts	2400 Watts
Rack Housings	Suitable for 1-3 power modules. (Rack housings can be stacked up to 4 units high)			
R2250-A111	24 or 28 Volt Power Modules		Max Power 2250 Watts (3 modules)	
R2400-A111	48, 54.5 or 56.2 Power Modules		Max Power 2400 Watts (3 modules)	

Notes : Each rack housing can be used with 1 to 3 power modules for bulk power or redundant systems.
Blanking plates can be fitted over any unused power module slots.

For full specification and mechanical drawing, please contact ALL PSU sales office.
Specifications can change without notice, E&OE. ALL PSU Terms & Conditions apply.

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