

Scout Power System

New!



12V Redundant Power System

The Scout is a compact, high power density 12 volt rackmount power system that brings telecom power technology to 12 volt base station radio applications to power transmitters and maintain back-up batteries. Its dual 100 amp hot swap rectifiers configured in N+1 redundancy provides fault tolerant reliability. Remote monitoring capability provides system administrators with operating status.

Features

- Redundant hot swap rectifiers provide high system reliability
- Powers transmitters and maintains back-up batteries
- 100 amp output per module - 200 amp system capacity
- Controller module provides Web based remote monitoring and alarms, and digital LCD display of DC volts and amps
- Compact 1U rackmount shelf
- Optional LVD and power distribution shelf

Specifications

Input

Voltage: 90 - 264 VAC, 50 - 60 hz. via IEC socket (x2)

Current (per module): 13 amps @ 115 VAC, 7 amps @ 230 VAC

Output

Voltage: 13.6 VDC, adjustable 10.5 - 14.0 VDC

Power (per module): 1200 watts, 100 amps @ 230 VAC input, 1140 watts, 95 amps @ 115 VAC input

Protection: Short circuit, overvoltage, current limit, over-temperature

Monitors

- LCD Digital Display: DC volt and current
- Remote via Ethernet
- DC ok via TTL
- AC fail
- Over-temp
- Fan fail

Operating Temperature: -40 to + 70° C

Mechanical: 19" rackmount, flush, 1RU, 13.75" depth

Safety Compliance: UL 60950

Scout System Power Configurations		
Input	# of Rectifiers Installed	
	1	2
230 VAC	100 Amps, 1200 Watts	200 Amps, 2400 Watts
115 VAC	95 Amps, 1140 Watts	190 Amps, 2280 Watts

Optional System Component: Low Voltage Disconnect, Circuit Breaker Distribution Shelf with DC System Bus/Tie Points Creates Complete Power System



PFM-500

Power Function Manager, 500 amps

Preliminary specifications subject to change without notice.



Powering the Network