

Sentinel Power System

Smart Power



**Incredible Functionality, Scalability and Web Monitoring
in a 1 RU, 600 Watt to 1.8 Kw, 48V DC Power System**

- 19", 1U rackmount shelf with integrated power distribution and SNMP digital controller
- 90-250 VAC input, power factor corrected
- 3 power bays accept 600 watt modular rectifiers, -48V
- 33 amp, 1800 watt total max. output capacity
- Output temperature compensated for precise battery charging
- 4 DC circuit breaker distribution capacity, with tripped breaker alarm
- Master disconnect breaker for two battery strings, with tripped breaker alarm
- Controller with digital display of system parameters with TCP/IP Web interface and SNMP monitoring/logging
- Alarm contacts monitor major system functions
- General Purpose Digital Inputs for user configured external alarms
- Low voltage disconnect built-in
- Easily configures to meet site power requirements

Complete system design and assembly to your application parameters: rectifier configuration, distribution circuit breaker installation and programming of alarms and monitors. Installation in a relay rack with batteries and wiring also available.

Rectifier	Input Amps @ Full Load 115/230V	Output Voltage	Output Amps Cont.	Watts	Weight
RM-648	5.8/2.9	-54.4 VDC, adjustable 54 - 58 VDC	11A	600	1.9 lbs.

Shelf	Input Voltage Range	Configuration	Size	Weight
SRS-48	90-300V, 45-65 Hz.	3 Sentinel Rectifiers (-48 V bays), Controller, 4 DC Circuit Breaker Distribution, 2 x 30A Battery Breakers	19/23", 1 RU	19.84 lbs.

* 23" adapters required, model SRS-1U

Smart Power Features

Newmar power systems embed the latest technology in smart software to provide the ultimate in intelligent system functionality.

Elements include:

- **Smart Set-Up:** An extensive menu of system parameters for customization per site
- **Smart On-Site Data Viewing:** All system data accessible on-site by laptop via USB
- **Smart Viewing by Web:** Voltages, load, and battery performance data (Ethernet, RJ45)
- **Smart Automatic System Adjustments:** Temperature Compensated charging, low voltage disconnect, battery equalization, fast charging
- **Smart Alarm Notifications:** Voltage, temperature as well as several user defined

General Specifications

AC Input

Nominal: 115 or 230VAC (power cord with NEMA-5-20 plug attached)

DC Distribution

Load: 4 breaker position capacity, available amperages (specify) 6A, 10A, 20A, 30 amp, with tripped breaker alarm

Battery: 2 x 30A battery circuit breakers, with tripped breaker alarm

Low Voltage Battery Disconnect: 80A battery LVD installed, with disconnect alarm

Wiring Option: Battery Cable, 8 AWG, 7' Length (P/N: 433-8007-0)

