Site Power Monitor

Web-enable and integrate intelligence to any site's AC and DC power system for 24/7 monitoring, alarm condition notification, and data logging of vital electrical functions. All programmable, accessible, and managed via the Internet: TCP/IP or SNMP. View current conditions and log 30 day history of DC and AC power status at remote sites before dispatching personnel.

The Site Power Monitor is designed specifically for monitoring power supplies, rectifiers, batteries, converters, inverters, UPS, distribution panels, and AC power at communication sites, base stations, outdoor enclosures, and command vehicles via Ethernet or Wireless connection. The palm sized unit can be rack, DIN-rail, or wall mounted and is easily adapted to virtually any make of power system via nine sensor input ports which capture and stream critical data via the internet for analysis and logging of site history. Web page based programs are easily user configured for site parameters with up to 50 desired alarm conditions settings and multiple automatic notification options by e-mail, mobile phone and smart devices.

Sites without internet access can use the monitor solely as a data logger that captures and retains 30 days' data, ready for download to lap top for site history file and analysis of component performance and failure conditions.

Sensor Data
- DC Bus/Battery Voltage
- DC System Amperage/Battery Charge-Discharge Current
- AC Voltage
- Ambient Temperature
- Dry Contacts/Alarms

Firmware
- Programmable Alarms
- Data Logging
- Ethernet Camera

Reporting Via
- Internet – Software Included
- E-Mail
- Mobile Phone

Optional Accessories
- Rackmount Panel (model SPM-RM)

SPM-200 Installed into SPM-RM Rackmount Bracket

Monitor Inputs: 9 Total

DC: 3 Ports:
- 2 each: +0-40 VDC
- 1 each: -36-60 VDC
- Accuracy: +/-3%

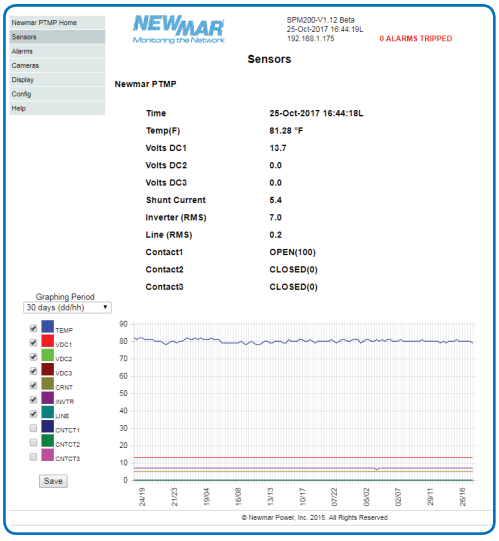
AC: 2 Ports:
- 115 VAC (90-135), utility power (L-N or L-L)
- Inverter output (floating)
- Accuracy: +/-5%

DC Current: 1 Port
- +/- 100mv, 100 amp via differential using provided shunt
- Read battery charge/discharge current, or load current
- Accuracy: +/-5%

Dry Contact Switch Sensors: 3 Ports
- Possible uses: door open, water leak detection, smoke alarm, component fail, breaker trip, high temperature

Ambient Temperature Sensor
- Located outside case of unit
- Range: -20 to +60° C, 4° to +140° F
- Accuracy: +/-0.5° C

Model	Input	Dimensions (H x D x W)	Weight (Lbs.)
SPM-200	9 - 60 VDC, neg. ground, 250 mA max.	3.27" x 4.66" x 2.18"	1



Sensors Webpage Screenshot

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Powering the Network