

EAT•N

Powerware

SM65 Supervisory Module



Features

- Ethernet interface built-in
- SNMP agent
- Comprehensive system control functions
- Simplified front panel controls
- Pre-loaded customized configuration file
- Complies with International Standards
- Setup via keypad or DCTools configuration software
- Sliding mounting option

The SM65 supervisory module is an advanced control and monitoring solution for the Powerware Access, Network and Large Power Solutions. It provides a full suite of advanced communications options, including built-in Ethernet interface, Web server, and SNMP agent.

Alarm notifications may be by SNMP traps or relay contact closures.

Like all Powerware DC supervisory modules the SM65 is supplied pre-configured with either a default configuration file, or with one factory customized for a particular application. This ensures fast and problem free installation. If on-site changes are needed then these can be easily made from the front panel or with a Windows PC using DCTools configuration software.

The front panel incorporates a high-resolution back-lit LCD display with easy to read characters.

All system values and alarms can be displayed and the keypad provides easy access to check or edit settings.

The SM65 can be installed in place of an SM50 and SM60 supervisory module in nearly all applications, providing new features that make it an advanced addition to the Powerware DC product range.

Typical Applications

- 24V and 48V power systems
- Wireless cell sites and switches
- Transmission Terminals
- Local and Central Office Switching

Options

- Slider magazine with cable support tray

Technical Specifications

Brief Technical Specifications

Supply Voltage Range	19 to 60V DC
Operating Range	-10 to +60 °C [14 to 140 °F]
Input /Output Standard	Analog inputs: Current sensor (3), Bus voltage (1), Temperature (2) Digital inputs: 10 Internal (pre-defined), 6 external (user-defined) Relay outputs: 6 Voltage free, NO-C-NC, 0.5A @ 100VDC Screw terminal block, 1.5mm ² conductors
Input /Output Optional (with SiteSure modules)	Analog inputs: 48 Digital inputs: 108 Digital outputs: 32
Communications Interfaces	Physical: Ethernet and RS232 Software: IP, HTTP (Web) and SNMP, S3P Management software: DCTools configuration / local management software. PowerManagerII remote management software. SNMP agent supports standard Network Management System software including HP OpenView Network Node Manager.
Display	Back-lit dot matrix LCD Adjustable viewing angle
Keypad	5 keys

Indicators	Power on Urgent alarm Non-Urgent alarm
Dimensions H,W,D	1U: 44.5mm, 480mm, 150mm [1.75", 19" mounting, 6"] (depth excludes optional cable support tray)
Mounting options	Standard: Fixed brackets. Optional extra: Slider magazine with cable support tray.
Datalogging	10,000 record Event Log 10,000 record Data Log

Certifications

All products comply with International Standards. Contact your local Powerware DC representative for details on the specific product versions available with these safety and EMC approvals:

China	MII
North America	FCC Verification, IC
Europe	CE
Australia / New Zealand	C-tick

In the interests of continual product improvement all specifications are subject to change without notice.