

# SM65 Supervisory Module Panel Mount Version



The SM65 supervisory module is an advanced control and monitoring solution for the Eaton 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, SMS, dial-out to PowerManagerII remote monitoring software, or relay contact closures.

Like all Eaton 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.

## Features

- Ethernet interface built-in
- SNMP agent
- Supports PSTN and GSM external modems
- SMS alarm messages (with GSM modem)
- Comprehensive system control functions
- Simplified front panel controls
- Pre-loaded customized configuration file
- Complies with international standards
- Setup via keypad or DCTools configuration software
- 3-phase AC metering option
- Language options

The optional keypad and display module incorporates alarm LEDs and 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.

## Typical Applications

- 24V and 48V power systems
- Wireless cell sites and switches
- Transmission terminals
- Local and central office switching



Powering Business Worldwide

# Technical Specification

## 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 <sup>2</sup> conductors
Communication 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.
Indicators	Power on Urgent alarm Non-Urgent alarm
Dimensions H,W,D	43mm, 360mm, 156mm
Data Logging	10,000 record event log 10,000 record data log

## Options

Display and Keypad	Display: Back-lit dot matrix LCD Keypad: Membrane type, 5 keys
Languages	English: Standard Chinese: Chinese language software upgrade available on request. Other languages: Other language software upgrades by arrangement.
Input/Output with SiteSure Modules	Analog inputs: 48 Digital inputs: 108 Digital outputs: 32
CellSure	Full support for communications and alarms from CellSure battery monitoring and fault diagnosis systems
Modem Communications	PSTN or GSM. Requires external modem.
AC Metering	3-phase voltage and frequency measurement and alarms. Requires external AC meter.

## Certifications

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

China	MII
North America	UL (Canada, USA), 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.

