

# EAT•N

# Powerware

## SM45 Supervisory Module



### Features

- Ethernet interface built-in
- SNMP agent
- Web server
- Temperature Compensation
- Serial Control (24 rectifiers)
- Controls up to two Low Voltage Disconnects (LVD)
- Battery Current Limiting
- Setup via keypad or DCTools configuration software
- Compliance with International Standards
- Datalogging

The SM45 supervisory module is an advanced control and monitoring solution for the Powerware Access Power Solutions range of DC power systems.

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.

The SM45 can also be re-configured on-site using the Windows compatible DCTools configuration software via the front panel RS232 communication port or remotely via Ethernet.

The SM45 supervisory module provides full control of system voltage, load current, status and alarms, which can be displayed and changed on the optional LCD display and keypad.

# Technical Specifications

## Brief Technical Specifications

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### Supply Voltage Range

19 to 60V DC

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### Operating Range

-10 to +70 °C [14 to 158 °F]

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### Input / Output Standard

Analog inputs: Current sensor/shunt (2), Bus voltage (1), Temperature (2)

Digital inputs: 9 internal (pre-defined), 6 external (user-defined)

Relay outputs: Up to 6 open-collectors. Relays fitted on system backplane or Interface PCB.

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### Input / Output Optional (with SiteSure modules)

Analog inputs: 48

Digital inputs: 108

Digital outputs: 32

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### 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.

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### Display and keypad (optional)

Display: Back-lit dot matrix LCD

Keypad: Membrane type, 5 keys

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### Indicators

Power on

Urgent alarm

Non-Urgent alarm

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### Datalogging

10,000 record Event Log

10,000 record Periodic Data Log

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