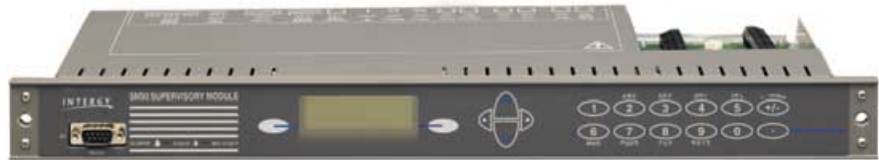


Intergy SM50 Series

Features

- ▶ Easy-to-Use Menu Driven Front Panel Controls
- ▶ Pre-Loaded Customized Configuration File
- ▶ Multi-Level Password Security
- ▶ Low Power Consumption
- ▶ Optional Configuration Editor Software
- ▶ Compliance with International Standards
- ▶ Remote Communications Option



The SM50 is a microprocessor based system supervisory module that controls and monitors the Intergy Medium and Large Power Systems. It allows complete operational flexibility by using a software configuration file to programme all of a system's operating parameters.

Each SM50 is supplied pre-programmed with either a default or a customized configuration file, making the system ready for use at the time of installation. The installer can do customization prior to delivery, or on-site. On-site changes to the configuration file can be made using the computer based Configuration Editor software or the SM50 front panel controls.

The LCD front panel display provides the system

voltage, currents, alarms, detailed battery and rectifier values and other operational conditions. The pushbutton controls also allow manual activation of certain system operations such as equalize charging. Multi-level password access is provided to safeguard against accidental or unauthorised parameter changes.

Intergy SM50 Series

► Brief Technical Specifications

For complete product specifications contact your local Intergy representative

Supply Voltage Range	16 - 70V
Rated Operating Range	-10°C — +50°C [+14°F — +122°F]
Alarm Relay Outputs	Screw terminal, 2.5mm ² maximum conductors
Input/Output	Current Sensor/Shunt (3), Bus Voltage (1), Temperature (1)
Analog Inputs	Internal: 8 pre-defined
Digital Inputs	External: 6 user configurable
Relay Outputs (10 available)	Voltage free, COM-NC-NO, 0.5A @ 100V DC
Communications	RS232 for use with Configuration Editor software RS232/422/485 for use with PowerManager remote control monitoring software
Display Type	LCD, backlit with adjustable viewing angle
Keypad	Membrane type (cursor control, display softkeys, alphanumeric keypad)
Dimensions H, W, D	1U: 44.5mm [1.75"], 480mm [19" mounting], 176mm [6.9"]
Configuration Software	DCTools. Free download from: www.powerware.com/downloads

► Certifications

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

Region	Certification
North America	UL, FCC Verification
Canada	IC
Europe	CE
New Zealand / Australia	C-tick

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