

Intergy SM30 Supervisory Modules

Features

- ▶ Pre-Loaded Customized Configuration File
- ▶ Low Power Consumption
- ▶ Temperature Compensation
- ▶ Battery State Monitoring
- ▶ Battery Current Limiting
- ▶ Optional LCD Display and Keypad Controls
- ▶ Optional Configuration Editor Software
- ▶ Compliance with International Standards



The Intergy SM30 microprocessor-based system supervisory modules provide the control and monitoring functions for the Intergy Series Mini Power Systems.

The SM30 supervisory modules are built in to the DC distribution module and are supplied factory pre-configured ready for immediate use. All system parameters are stored in transferable configuration files for convenient management of system set-up. The SM30 can also be re-configured on-site using the Windows compatible Intergy DCTools configuration software via the front panel RS232 communication port.

The SM30 supervisory modules provide full control of system voltage, load current, status and

alarms, which can be displayed and changed on the optional LCD display and keypad. The SM30 also offers modem control, master/slave system capability, an audible alarm and battery test functionality.

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► Brief Technical Specifications

For complete product specifications contact your local Intergy representative

Supply Voltage Range	18 – 60V
Rated Operating Range	-10°C — +50°C [+14°F — +122°F]
Alarm Relay Outputs	Screw terminal, 1.5mm2, 1 conductor
Input/Output	
Analog Inputs	Current sensor/shunt (2), Bus Voltage (1), temperature (1)
Digital Inputs	3
Relay Outputs (7 available)	Voltage free, NO-C-NC, 1A @ 100V DC
Communications	RS232 (direct or modem), RS485
Display (optional)	4 digit, 7 segment LCD, with 13 status indicator symbols and 16-segment bar graph, backlit
Alarm Indicators	Fuse fail, mains fail, low float, low load, high float, high load, current limit, over temperature, battery temperature
Keypad (optional)	Membrane type (4 keys: Enter, Up, Down, Escape)
Configuration Software	DCTools. Free download from: www.powerware.com/downloads

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