



RIPE ENERGY

The Power Conversion Company

APPLICATIONS

- All applications with OB Power systems

FEATURES

- Program, manage and monitor entire system
- Intuitive menu structure
- Easy-to-read graphical display
- System configuration wizard
- Internet-enabled
- Field upgradable to accommodate new features
- Up to 1-year of data logging
- SD memory card slot

MATE3s ADVANCED SYSTEM DISPLAY AND COMMUNICATIONS

The MATE3s System Display and Controller makes it easier than ever to program and monitor a complete OB Power system.

An intuitive user interface and integrated system configuration wizard make system setup and programming quick and seamless.

The ability to set unique multi-level user passwords allows you to secure critical system settings from unintended changes while still allowing open access to necessary functions.

Through the use of a single MATE3s you can remotely manage and monitor multiple inverter/chargers, charge controllers and DC monitoring devices.

The MATE3s is packed full of features to make system management simple.

The easy-to-read graphical LCD display is backlit for dark operating conditions. Improved tactile buttons and a user programmable "favorite" key give you immediate access to the features you want, while an intuitive scroll wheel interface allows for easy adjustment of system setpoints.

Expandable SD card memory allows you to increase data logging capacity as well as upgrade units in the field.

A built-in clock and calendar function enables timer-based programming of inverter and charger operation. This permits you to set the system to work with time-of-day power rates or to limit a generator's run time to a specific time period of the day or week.

All of your settings are stored in permanent memory to eliminate the need to reprogram in the event of a system shutdown or battery replacement.

The MATE3s is an Internet enabled device connecting to the Internet will allow full remote system monitoring via an easy-to-use web interface.

The MATE3s system display and controller is the next generation of communication interface, offering powerful insight into every aspect of your OB Power system.

SPECIFICATIONS

Display	4.0 x 1.2" full graphical display
Quick System Access	5 system operation hot keys, 4 user programmable soft keys
Status Indicators	(9) LED indicators
Navigational Controls	5 navigational keys
Setpoint Adjustment	Touch sensitive scroll wheel
Communication Protocols	Proprietary OutBack communications protocol and SunSpec Modbus
Interconnect Cabling Included	Standard CAT5 network cable with RJ-45 modular jack - 6' (2m) included
PC Computer Interface	HTML system status dashboard over local intranet connection
Field Update Capability	Yes
Microprocessor	80MHz 32 bit processor
Set Point and Data Memory	8Mb RAM/ 64Mb of flash RAM
Clock/Calendar	On-board real time clock with battery backup
Operating Temperature Range	0 to 50°C
Mounting	Surface-mount (various brackets available)
Environmental Rating	Indoor Type 1 (IP 30)
Maximum Cable Length	100 m
Warranty	2 Years
Weight	0.64 kg
Dimensions H x W x D	18 x 19 x 4.1 cm

