



# MATE3

Advanced System Display and Controller



- Program, Manage and Monitor Entire System
- User Friendly Interface
- Intuitive Menu Structure
- Easy-To-Read Graphical Display
- System Configuration Wizard
- Internet Enabled
- Field Upgradable
- Up to 1-Year of Data Logging
- SD Memory Card Slot



The new MATE3 System Display and Controller makes it easier than ever to program and monitor your complete OutBack 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 MATE3 you can remotely manage and monitor multiple inverter/chargers, charge controllers and DC monitoring devices.

The MATE3 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 MATE3 is an Internet enabled device — simply connecting to the Internet will allow full remote system monitoring via an easy-to-use web interface.

The MATE3 system display and controller is the next generation of communication interface, offering powerful insight into every aspect of your OutBack Power system.



[www.outbackpower.com](http://www.outbackpower.com)

## MATE3 Specifications

|                          |   |
|--------------------------|---|
| Display                  | 4.0 x 1.2" full graphical display                                       |
| Quick System Access      | 5 system operation hot keys, 1 user programmable hot key                |
| Status Indicators        | Nine LED Status Indicators  |
| Navigational Controls    | 5 navigational keys   |
| Setpoint Adjustment      | Touch sensitive scroll wheel  |
| Communication Protocol   | Proprietary OutBack Communications Protocol                             |
| Interconnection Cabling  | Standard CAT 5 network cable with RJ45 modular jack - 6' (2 m) included |
| PC Computer Interface    | Ethernet  |
| Microprocessor           | 80 MHz 32 bit processor   |
| Setpoint and Data Memory | 8Mb RAM/ 64Mb of flash RAM  |
| Clock / Calendar         | On-board real time clock with battery backup                            |
| Environmental Rating     | Indoor Type 1 (IP 30)   |
| Maximum Cable Length     | 300' (100 m)  |

\*Specifications subject to change without notice



**Main Office:**

19009 62nd Avenue NE  
Arlington, WA 98223 USA  
Phone: (360) 435.6030  
Fax: (360) 435.6019

**European Office:**

BARCELONA, España  
Phone: +34.93.654.9568

[www.outbackpower.com](http://www.outbackpower.com)

980-0027-01-00 Rev. A