



# MATE3

## Advanced System Display and Controller

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- Program, Manage and Monitor Entire System
- 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



OpticsRE Compatible

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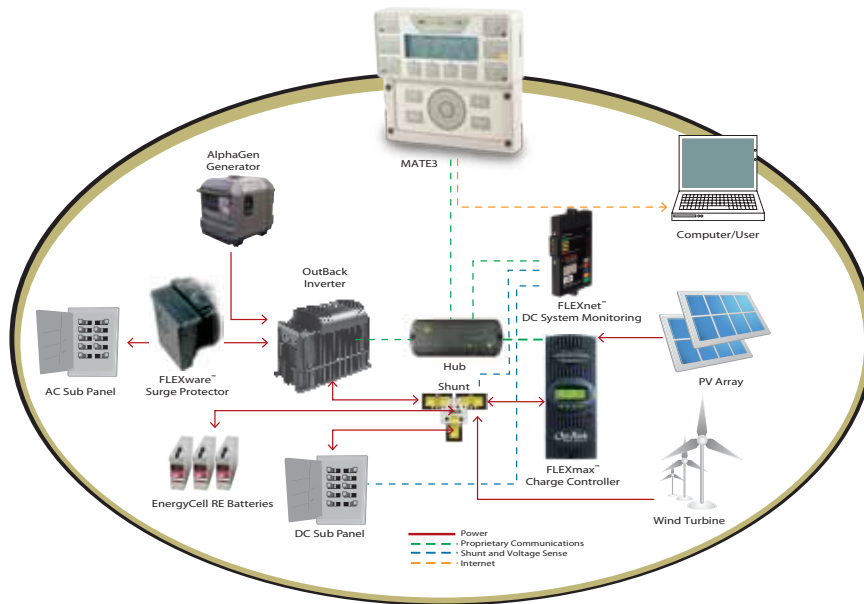
### The MATE3 system display and controller makes it easier than ever to program and monitor a complete OutBack Power system.

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 makes it possible to secure critical system settings from unintended changes while still allowing open access to necessary functions.

Other features making system management simpler include an easy-to-read graphical backlit LCD display, improved tactile buttons and user programmable "favorite" keys for immediate access to the most wanted features. An intuitive scroll wheel interface allows easy adjustment of system set points. Expandable SD memory increases data logging capacity as well as making it easy to upgrade units in the field.

A built-in clock and calendar function enables timer-based programming of inverter and charger operation. This setting allows the system to work with time-of-day power rates or to limit a generator's runtime to a specific time period of the day or week. All settings are stored in on-board memory to eliminate the need to reprogram in the event of a system shutdown or battery replacement. The MATE3 supports web-server access via an intranet to allow monitoring of an OutBack system.

	Description
<b>Display</b>	4.0 x 1.2" full graphical display
<b>Quick System Access</b>	5 system operation hot keys, 4 user programmable soft keys
<b>Status Indicators</b>	Nine LED Navigational Controls
<b>Navigational Controls</b>	5 navigational keys
<b>Setpoint Adjustment</b>	Touch sensitive scroll wheel
<b>Communication Protocol</b>	Proprietary OutBack Communications Protocol
<b>Interconnect Cabling Included</b>	Standard CAT5 network cable with RJ45 modular jack - 6' (2 m) included
<b>PC Computer Interface</b>	HTML system status dashboard over local intranet connection
<b>Field Update Capability</b>	Yes (includes Radian Series inverter/chargers, FLEXmax Extreme charge controller)
<b>Microprocessor</b>	80MHz 32 bit processor
<b>Set Point and Data Memory</b>	8Mb RAM/ 64Mb of flash RAM
<b>Clock/Calendar</b>	On-board real time clock with battery backup
<b>Operating Temperature Range</b>	0 to 50°C
<b>Mounting</b>	Surface-mount (various brackets available)
<b>Environmental Rating</b>	Indoor Type 1 (IP 30)
<b>Maximum Cable Length</b>	300' (100 m)
<b>Optional Accessories</b>	MATE3 USB card
<b>Warranty</b>	Standard 5 year Warranty
<b>Weight (lb/kg)</b>	<b>Unit:</b> 1.4 / .64 <b>Shipping:</b> 3.0 / 1.36
<b>Dimensions H x W x D (in/cm)</b>	<b>Unit:</b> 7.1 x 7.5 x 1.6 / 18 x 19 x 4.1 <b>Shipping:</b> 3.25 x 9 x 13.5 / 9.26 x 22.9 x 34.3



**Worldwide Corporate Offices**

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