

System Display and Controller

MATE & MATE2

The MATE system display and controllers are complete management tools for your OutBack Power system. Through the use of a single MATE you can remotely manage and monitor multiple inverter/chargers, MX60s and any future OutBack power conversion and control products.



MATE

The MATE and MATE2 are packed full of features to make system management simple. The easy-to-read 3.1" (8 cm) LCD is backlit for dark operating conditions. Four soft keys allow easy context-based navigation of menus and functions. Two hot keys give immediate access to AC and inverter functions.

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 MATE and MATE2 include a RS232 port with DB9 jack for connection to the serial port of a PC computer. Through the use of optional WinVerter software you can perform such operations as data logging and graphical display of the system's operation and performance. The MATE system display and controller is surface mounted while the MATE2 is flush mountable in a wall cut-out.

MATE2M

The MATE2M is the same technology as the MATE and MATE2 but is designed to be used with your M-series inverter/chargers in mobile applications. Incorporating a more simplified menu, the settings needed for mobile power system management are more quickly accessed. A flush mount case design makes installation in boats and RVs more compact and attractive.



MATE2 and MATE2M

Communication with multiple products requires optional HUB

MATE Specifications

MATE	Grey	Surface mount with RS232
MATE2	Black	Flush mount with RS232
MATE2M	Black	Flush mount without RS232
Interface Display		3.1" (8 cm) backlit LCD - four line, 80 alpha numeric characters
Control Keypad		6 backlit silicone keys - dedicated inverter and AC input keys
Status Indicators		Two LED Status Indicators - AC input (yellow), inverting (green)
Communication Protocol		Proprietary OutBack Multi-drop using an OutBack HUB4 or HUB10
Interconnection Cabling		Standard CAT 5 network cable with RJ45 modular jack - 50' (5 m) included
PC Computer Interface		RS232 opto-isolated DB9 jack 9600 baud serial communication
Microprocessor		16 MHz low power consumption version
Setpoint and Data Memory		32K non-volatile flash RAM
Clock / Calendar		On-board real time clock with battery backup
Environmental Rating		Indoor Type 1
Maximum Cable Length		1000' (300 m)
Warranty		Standard 2 year / Optional 5 year
Weight	Shipping	1 lb (.5 kg)
Dimensions (H x W x L)	Shipping	5.75 x 4.25 x 2" (15 x 11 x 5 cm)