OutBack M-Series inverter/chargers provide true sinewave power output, and intelligent battery charging. They are modularly expandable to your power needs providing a complete power conversion solution. They incorporate a DC to AC inverter, battery charger, and an AC transfer switch, which combines 30 amp pass through and neutral/ground switching.

All OutBack inverter/chargers produce virtually distortion free sinewave AC power for onboard electronics like sensitive home theater equipment and microwaves with minimal RF interference. Industry leading surge power starts heavy loads like air conditioning. Power factor corrected battery charging gets the most out of your shore cord and generator while maximizing the life and performance of your batteries. Ultra fast AC transfer switch with neutral/ground switching seamlessly transfers shore cord current without dropping loads. Modular expandability is achieved through networked communications, allowing your inverter system to grow with your power consumption needs.

The Sealed OutBack M-Series inverter/charger is the most rugged design in the world. Conformal coated circuit boards, powder coated die-cast aluminum chassis resist corrosion. No other inverter/charger can operate in extreme climate conditions, such as highly corrosive salt air, and achieve the same level of reliability and performance as the sealed M-Series.

The Vented OutBack M-Series has the same proven technology and conformal coated circuit boards as the sealed version but offered in a vented chassis for higher power output. The fully screened “bug-proof” openings keep the power conversion components cool in very hot environments even when operated at high power for extended periods in more protected environments.

The OutBack M-Series inverter is the superior choice when you need a reliable, powerful, modular, and true sinewave inverter/charger.
The MATE2M is a complete management tool for your OutBack marine power conversion system. The onboard CPU coordinates the operation of all your OutBack system components for maximum performance and smooth system integration.

A backlit LCD provides a display for system monitoring while four soft keys allow navigation of the menu system and adjustment of settings. Information for up to 10 inverter/chargers and other OutBack power conversion equipment is available at your fingertips through the communications HUB. Your programmed settings are stored in permanent memory to eliminate the need to reprogram the system in the event of a system shutdown or battery replacement.

The OutBack MATE2M includes a built in clock and calendar which allows timer based programming of power system operation. This enables the user to specify a generator’s run time to a specific time period of the day or week.

**MATE2M Specifications**

- **Operation**: 4 soft keys, dedicated inverter and AC input keys
- **Input**: OutBack Cat5e RJ45 network cable
- **Output (RS232 model only)**: RS232 serial to PC communication for data logging (optional software required)
- **Display**: Back lit 4 line LCD
- **System Monitoring**: AC/DC Voltage and Current Meters, Errors and Warnings
- **Adjustable Parameters**: Shore Cord Amperage, Generator Start/Stop
- **Settings Memory**: 32k nonvolatile flash RAM
- **Dimensions HxWxD**: 4.5 x 6.15 x 1.7" (11.6 x 16 x 4 cm)
- **Weight**: 1 lbs (454 g)
- **Warranty**: 2 Year Standard / 5 Year Optional

“Corrosion resistant aluminum marine PS2 system components are available for larger applications.”