

MATE3s™ Series

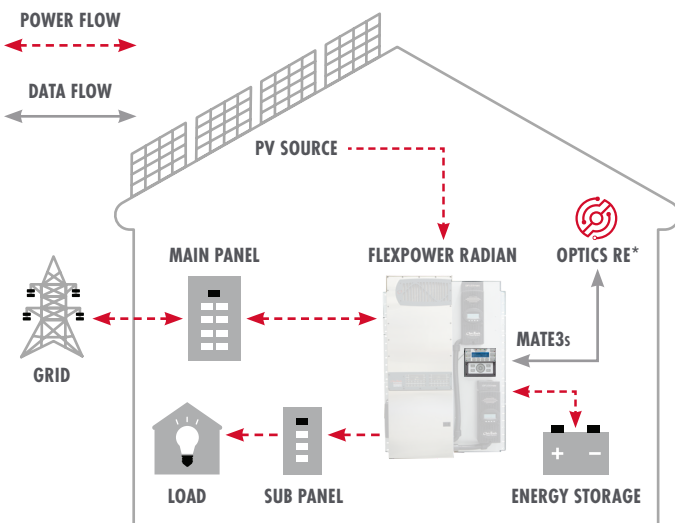
Advanced System Display and Controller



- Monitor, command and control from any internet-connected device with OPTICS RE*
- OutBack Power™ network integrated and programmable
- Intuitive user interface and menu structure to program, manage and monitor the entire system
- Easy-to-read graphical display
- System configuration wizard
- Built-in clock and calendar function
- FLEXtime setting enables working with time-of-day power rates
- Up to 1 year of data logging
- SD memory card slot

Designed for UL 1741 SA compliance, the MATE3s™ system display and controller makes it easier than ever to program and monitor a complete OutBack Power™ system.

The MATE3s controller keeps the same intuitive user interface and integrated system configuration wizard found in the original MATE3 controller to 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. A built-in clock and calendar function allows for detailed 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 run time 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. Expandable SD card memory increases data logging capacity as well as making it easy to upgrade units in the field.



*Note: OPTICS RE functionality only available with MATE3s

MATE3s™ Series Controller Specifications

Model:	MATE3s	MATE3st
Display:	4.0 × 1.2in full graphical display	4.0 × 1.2in full graphical display
Quick System Access:	5 system operation hot keys, 4 user programmable soft keys	5 system operation hot keys, 4 user programmable soft keys
Status Indicators:	9 LED indicators	9 LED indicators
Navigational Controls:	5 navigational keys	5 navigational keys
Setpoint Adjustment:	Touch sensitive scroll wheel	Touch sensitive scroll wheel
Communication Protocols:	Proprietary OutBack Power® communications protocol and SunSpec Modbus	Proprietary OutBack Power communications
Interconnect Cabling Included:	Standard CAT5 network cable with RJ-45 modular jack (6ft / 2m) included	Standard CAT5 network cable with RJ-45 modular jack (6ft / 2m) included
PC Computer Interface:	HTML system status dashboard over local intranet connection	OutBack Power communications only
Field Update Capability:	Yes, includes Radian™ Series inverter/chargers and FLEXmax™ Series charge controllers (rev 3.0 or higher)	Yes, includes Radian Series inverter/chargers and FLEXmax Series charge controllers (rev 3.0 or higher)
Microprocessor:	80MHz 32 bit processor	80MHz 32 bit processor
Set Point and Data Memory:	8Mb RAM/ 64Mb of flash RAM	8Mb RAM/ 64Mb of flash RAM
Clock/Calendar:	On-board real time clock with battery backup	On-board real time clock with battery backup
Operating Temperature Range:	0 to 50°C	0 to 50°C
Mounting:	Surface-mount (various brackets available)	Surface-mount (various brackets available)
Environmental Rating:	Indoor Type 1 (IP 30)	Indoor Type 1 (IP 30)
Maximum Cable Length (ft/m):	300 / 100	300 / 100
Warranty:	Standard 5 year warranty	Standard 5 year warranty
Weight (lb/kg):	Unit: 1.4 / 0.64 Shipping: 3.0 / 1.36	Unit: 1.4 / 0.64 Shipping: 3.0 / 1.36
Dimensions H × W × D (in/cm):	Unit: 7.1 × 7.5 × 1.6 / 18 × 19 × 4.1 Shipping: 3.25 × 9 × 13.5 / 8.26 × 22.9 × 34.3	Unit: 7.1 × 7.5 × 1.6 / 18 × 19 × 4.1 Shipping: 3.25 × 9 × 13.5 / 8.26 × 22.9 × 34.3

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