

# MATE3s™ Series

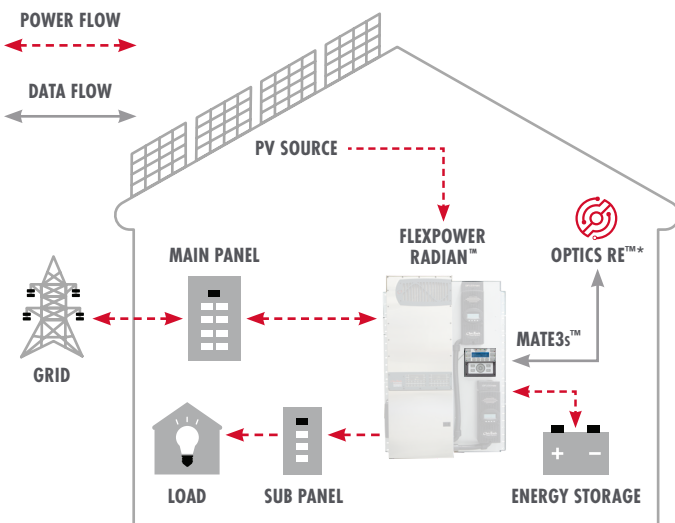
## Advanced System Display and Controller



- Monitor, command and control from any internet-connected device with OPTICS RE™\* software
- 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™ software functionality only available with MATE3s™ model

# MATE3s™ Series Controller Specifications

Model:	MATE3s  OPTICS RE™ Software Enabled	MATE3st
<b>Display:</b>	4.0 × 1.2in full graphical display	
<b>Quick System Access:</b>	5 system operation hot keys, 4 user programmable soft keys	
<b>Status Indicators:</b>	9 LED indicators	
<b>Navigational Controls:</b>	5 navigational keys	
<b>Setpoint Adjustment:</b>	Touch sensitive scroll wheel	
<b>Communication Protocols:</b>	Proprietary OutBack Power® communications protocol and SunSpec Modbus	Proprietary OutBack Power® communications
<b>Interconnect Cabling Included:</b>	Standard CAT5 network cable with RJ-45 modular jack (6ft / 2m) included	
<b>PC Computer Interface:</b>	HTML system status dashboard over local intranet connection	OutBack Power™ communications only
<b>Field Update Capability:</b>	Yes, includes Radian™ Series inverter/chargers and FLEXmax™ Series charge controllers (rev 3.0 or higher)	
<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 (ft/m):</b>	300 / 100	
<b>Warranty:</b>	Standard 5 year warranty	
<b>Weight (lb/kg):</b>	<b>Unit:</b> 1.4 / 0.64   <b>Shipping:</b> 3.0 / 1.36	
<b>Dimensions H × W × D (in/cm):</b>	<b>Unit:</b> 7.1 × 7.5 × 1.6 / 18 × 19 × 4.1   <b>Shipping:</b> 3.25 × 9 × 13.5 / 8.26 × 22.9 × 34.3	

**For OutBack Power™ product questions and additional information please contact us:**

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