

# MATE3s™

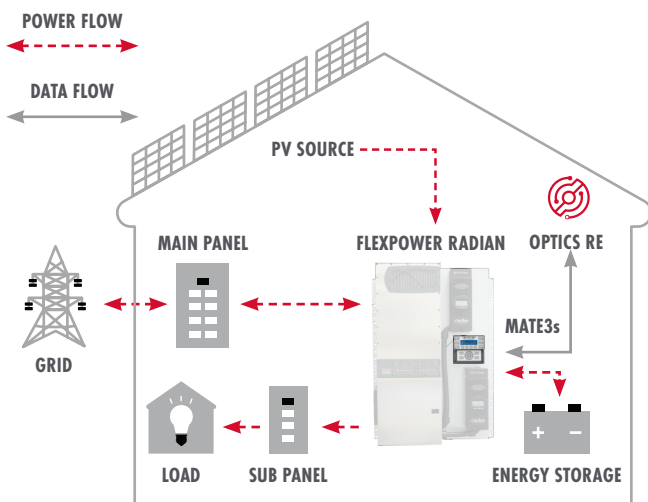
## Advanced System Display and Communications



- Monitor, command and control from any internet-connected device with OPTICS RE
- OutBack 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 keeps the same intuitive user interface and integrated system configuration wizard found in the MATE3s 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.



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

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