

Three Reasons to Choose the MATE3s Advanced System Display and Communications from OutBack Power:

1. ENGINEERED FOR RELIABILITY

- Extensive quality and reliability testing
- 15 years of experience manufacturing products for fault-intolerant, mission-critical applications
- Standard 5 year warranty

2. DESIGNED FOR PERFORMANCE

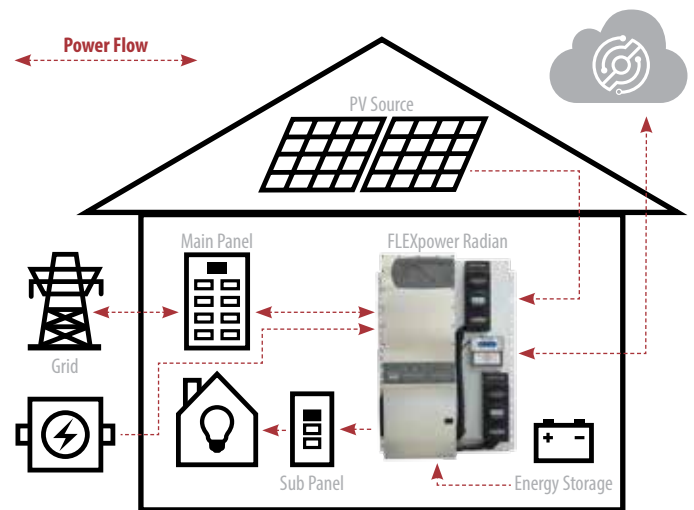
- Monitor, command and control from any internet-connected device with OPTICS RE
- OutBack network integrated and programmable
- Intuitive user interface and menu structure to program, manage and monitor the entire system
- Easy-to-read graphical display
- System configuration wizard
- Built-in clock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

3. EASY TO MAINTAIN

- Global technical support
- Field-upgradable to accommodate new features



OutBack MATE3s Typical System Integration (w/ FLEXpower Radian):



OUTBACK POWER — MASTERS OF THE OFF-GRID. FIRST CHOICE FOR THE NEW GRID.



MAKE THE POWER

- FLEXpower Integrated Systems
- Inverter/Chargers & Charge Controllers



STORE THE ENERGY

- EnergyCell RE, GH, NC and OPzV Batteries
- Battery Enclosures and Racking



MANAGE THE SYSTEM

- OPTICS RE System Monitoring and Control
- MATE3 System Display and Communications

| Model: MATE3s | |
|--------------------------------------|--|
| Display | 4.0 x 1.2" 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 - 6' (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 | 300' (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 |

Optimize with OPTICS RE

It's a powerful advantage... the ability to see the electricity you produce and consume. To monitor and control your renewable energy system with the touch of a button from any internet connected device—anywhere in the world. Real-time status and hands-on control of your power flow and energy storage. Track individual system performance or manage a network of dispersed systems.

