

Solar Locker



This turnkey solar power kit is sized for geographical areas with high solar exposure. This advanced Solar Locker kit is perfect for managing on-premises power supplies in challenging environments for construction and infrastructure projects. Waterproof connectors ensure reliable connectivity. The Powermate's easy installation and faster processor enhance data collection and monitoring capabilities. Utilizing high-efficiency components, advanced technology to allow reliable operation and easy troubleshooting, and a best-in-class lightweight, heavy-duty LiFePO4 battery, with the design to be mounted on the ground.

FEATURES

- High capacity/quality MPPT Solar charge controller
- 20Amp (Bluetooth enabled)
- Easy to use, weatherproof enclosure & connections
- Metal enclosure
- AC and DC charging
- Built-in digital multi-meter
- Built-in modem warmup relay
- Built-in automatic pressure equalization valves
- 2 x sturdy latches
- Padlockable holes
- Pre-mounted External antenna
- Adjustable Pre-mounted Solar Panel

BENEFITS

- 24VDC compatibility ensures max efficiency
- Quick setup time
- Anti-theft protection
- Modular design gives added flexibility
- Compatible with most data acquisition systems
- Ideal for long-term, outdoor monitoring projects
- Bluetooth app allows for detailed system monitoring of charge controller

TECHNICAL SPECIFICATIONS

Enclosure Size: 32" x 22" x 18"

Enclosure Material: Metal job box

System Weight: 77lbs (without a Powermate), 105.5lbs (enclosure & Powermate)

Charge Controller: MPPT 10Amp, 75V, Bluetooth enabled

POE Regulated Power Output: 28W, 48V Passive

Circuit Breakers: 15Amp

Solar Panel: 100W, 12V, Monocrystalline

Solar Panel Mount: Adjustable Solar panel Mount

Battery Capacity: Recommended 2 x 12Ah, 12V LiFePO4

10ft Extension Cable for Solar Panels