



Thread Solar Power Kit (Standard)

SOL-KIT-AMTS-THRD-150

This turnkey solar power kit is sized for geographical areas with moderate solar exposure. Utilizing high efficiency components, advanced technology to allow reliable operation and easy troubleshooting and a best-in-class light weight, heavy duty LiFePO4 battery, this system is designed to be mounted on the ground.



FEATURES

- Aluminum battery enclosure, back panel
- Ground Mount/Pole Mount kit for solar panels
- On-site battery capacity, voltage input/output monitoring
- Pad-lockable latch
- 1 x 150W 24V Solar Panels
- 20ft Extension Cable for Solar Panels
- 15ft power cable to Thread with XLR connector with molded connector
- High capacity/quality MPPT Solar charge controller 20Amp (bluetooth enabled)
- Circuit breakers
- 1 x 50Ah 24V LiFePO4 deep cycle batteries
- Assembly & Testing

BENEFITS

- Quick setup time
- Compatible with most data acquisition systems
- Ideal for long-term, outdoor monitoring projects
- Bluetooth app allows detailed system monitoring of charge controller
- Weatherproof, dust proof

TECHNICAL SPECIFICATIONS

- Enclosure Size: 20" x 17" x 12"
- Enclosure Material: Aluminum
- System Weight: 25lbs (without battery), 56lbs (with battery)
- Charge Controller: MPPT 20Amp, 100V, Bluetooth enabled
- Power Output: Regulated 24V, 60W
- Circuit Breakers: 20 Amp, 100V
- Solar Panel: 150W, 24V, Monocrystalline
- Panel Mount: Fits 2" pole or vertical surface (Customers are responsible for providing the necessary mounting hardware when using a Non-Specto mounting location.)
- Battery Capacity: Recommended 1 x 50Ah, 24V LiFePO4