



Thread Solar Power Kit (Large)

SOL-KIT-AMTS-TR-300

This turnkey solar power kit is sized for geographical areas with low 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
- On-site battery capacity, voltage input/output monitoring
- Pad-lockable latch
- 2 x 150W 12V Solar Panels
- Ground Mount/Pole Mount kit for solar panels
- 20ft Extension Cable for Solar Panels
- SMART Solar Controller with connection cables/plugs
- High capacity/quality MPPT Solar charge controller 20Amp (bluetooth enabled)
- Circuit breakers & cables
- 2 x 100Ah 12V 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

TECHNICAL SPECIFICATIONS

- Enclosure Size: 22.625" x 19.25" x 19.625"
- Enclosure Material: Aluminum
- System Weight: 35lbs (without battery), 97lbs (with battery)
- Circuit Breakers: 20 Amp, 100V
- Solar Panel: 2x 150W, 24V
- 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 2 x 100Ah, 12V LiFePO4*
*System can be configured for Lead Acid battery upon request