



Solar Kit for Trimble Ground Mount



SOL-KIT-AMTS-TR-300

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

- Polypropylene Battery case with battery trays, bottom plate, wheels & handle
- On-site battery capacity, voltage input/output monitoring
- Pad-lockable latch
- 2 x 150W 12V Solar Panels
- Ground Mount kit for solar panels
- 20ft Extension Cable for Solar Panels
- High capacity/quality MPTT 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"	Circuit Breakers:	20Amp, 100V
Enclosure Material:	Aluminum	Solar Panel	20Amp 2x 150W, 24V
System Weight:	35lbs (enclosure without battery)	Solar Panel Mount:	Fits 2" pole or vertical surface (customer to provide mounting hardware)
Charge Controller:	95lbs (enclosure & 2 x LiFePO4 batteries)	Battery Capacity:	Battery Capacity: Recommended 2 x 100Ah, 12V LiFePO4*

*System can be configured for Lead Acid battery upon request