



# Solar Kit for Trimble



### SOL-KIT-AMTS-TR-450

This turnkey solar power kit is sized for geographical areas with moderate to 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 to a pole, pillar or wall.

#### **FEATURES**

- > High capacity/quality MPTT charge controller
- > Mill finished aluminum enclosure

- On-site battery capacity, voltage input/output monitoring
- > Pad-lockable latch

#### **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 26.5" x 17"

Enclosure Material: Aluminum

**System Weight:** 49lbs (enclosure without battery)

System Weight w/Battery: 142lbs (enclosure & 3 x LiFePO4 batteries)

**Charge Controller:** MPPT Charge control 30amp 100 V

Circuit Breakers: 30Amp, 100V

**Solar Panel** 3 x 150W, 12V Monocrystalline

**Solar Panel Mount:** Fits pole or vertical surface (customer to provide mounting hardware)

**Battery Capacity:** Recommended 3 x 100Ah, 12V LiFePO4\*

\*System can be configured for Lead Acid battery upon request