SPECTO TECHNOLOGY
A WORLD OF SOLUTIONS

DATA SHEET



Topcon Solar Power Kit (standard)



SOL-KIT-AMTS-DL-300

Specto Technology is proud to offer you the Topcon Solar Power Kit (Standard) – a rugged, reliable solution to provide DC power to a Topcon+Delta Link system. It comes with high quality components that allow connection to an external solar panel(s) and weatherproof connectors to connect to a Delta Link system. This system has been designed to power a Topcon AMTS with Delta-Link in locations where moderate solar exposure is available.

FEATURES

- **2 x 150W 12V Solar Panels**
- **Pole Mount kit for solar panels**
- **Solar Controller 20Amp (Bluetooth enabled)**
- **10ft Extension Cable for Solar Panel**
- **15ft power cable to Delta Link with molded connector**
- **Circuit breakers**
- **Aluminum Battery Enclosure**
- **2 x 50Ah 24V LiFePO4 deep cycle batteries.**
- **Transformer (for Delta Link v1 Compatibility)**
- **All provided hardware are assembled & tested (customer to provide appropriate mounting hardware for solar panel bracket and enclosure – e.g. U-bolts, lag bolts, anchor bolts)**
  ****Example backup capacity: 50 x prisms read every 2 hrs = 12-days battery backup****

BENEFITS

- **Reduces field setup time**
- **Simple connection to commission**
- **All-in-one solution**
- **Durable Aluminum Enclosure**
- **Weatherproof, dust proof**
- **Quick setup time**
- **Ideal for long-term, outdoor monitoring projects**

TECHNICAL SPECIFICATIONS

Enclosure Size:	22.625" x 19.25" x 19.625"
Enclosure Material:	Aluminum
System Weight:	35lbs (enclosure without battery), 95lbs (enclosure & 2 x LiFePO4 batteries)
Charge Controller:	MPPT 20Amp, 100V
Power Output:	Regulated & Unregulated 24V, 60W (Regulated)
Circuit Breakers:	20Amp, 100V
Solar Panel:	2 x 150W, 12V Monocrystalline
Solar 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 50Ah, 24V LiFePO4* *System can be configured for Lead Acid battery upon request

1061 E. Elizabeth Ave. Linden, NJ 07036 • 866-925-7737 • sales@spectotechnology.com • spectotechnology.com