Worldsensing Gateway Solar Kits

SOL-KIT-GW-100

Specto offers solar kits to power Worldsensing's wireless LoRa Gateway. These rugged, reliable kits, provide a 48V power source via Power over Ethernet to the remote monitoring station. Two size options are available to cover a broad range of conditions and requirements (like backup battery time, solar exposure, data upload, etc.) The sturdy enclosures are designed to be mounted on a wall or pole and are built to withstand all weather elements.

FEATURES

> High capacity/quality MPTT charge controller

> Cables included (20ft solar panel cable, 10ft ethernet cable)

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

> Pad-lockable latch

BENEFITS

> Quick setup time due to plug-and-play configuration

> Modular design gives added flexibility

> Highly efficient, lightweight battery

> Ideal for long-term, outdoor monitoring projects

TECHNICAL SPECIFICATIONS

	SOL-KIT-GW-100
Charge Controller:	10Amp, 100V
Circuit Breakers:	15Amp
Solar Panel Capacity:	100W, 12V
Solar Panel Size:	19.6" x 42.2" x 1.4"
Solar Panel Mount:	Fits 2-4" pole, hose clamps to mount
Charge Controller:	10Amp, 75V, MPPT
Circuit Breaker:	15Amp
Battery Type:	LiFePO4 with heater
Battery Capacity:	50Ah, 12V
Estimated Battery Life:	5-days
Enclosure Size:	15.5" x 13.5" x 7.7"
Enclosure Material:	Fiberglass
System Weight:	25lbs (without battery)