



Loadsensing Gateway Solar Kit (Large)

This turnkey solar power kit is sized for geographical areas with moderate solar exposure. This advanced gateway is perfect for managing on-premises power supply in challenging environments for construction and infrastructure projects. With integrated antennas and waterproof connectors ensure reliable connectivity. The gateway's easy installation and faster processor enhance data collection and monitoring capabilities, making it ideal for regions with or without 4G coverage. Utilizing high-efficiency components, advanced technology to allow reliable operation and easy troubleshooting, and a best-in-class lightweight, heavy-duty LiFePO4 battery, with the design to be mounted on the ground.



FEATURES

- Easy install mounting kit
- Aluminum battery enclosure, back panel
- Ground Mount/Pole Mount kit for solar panels
- On-site battery capacity, voltage input/output monitoring
- Pad-lockable latch
- High capacity/quality MPPT Solar charge controller 20Amp (Bluetooth enabled)
- Circuit breakers
- Assembly & Testing

BENEFITS

- Reduces field setup time
- Simple connection to commission
- All-in-one solution
- Durable Aluminum Enclosure
- Weatherproof, dust proof

TECHNICAL SPECIFICATIONS

Enclosure Size:	20.6" x 17.5" x 12"	Circuit Breakers:	20Amp, 100V
Enclosure Material:	Aluminum	Solar Panel:	150W, 12V, Monocrystalline
System Weight:	24lbs (without battery), 54lbs (enclosure & 1 x LiFePO4 batteries)	Panel Mount:	Fits 2" pole or vertical surface (Customers are responsible for providing the necessary mounting hardware when using a Non-Specto mounting location.)
Charge Controller:	MPPT 20Amp, 12V, Bluetooth enabled	Battery Capacity:	Recommended 1 x 100Ah, 12V LiFePO4
Power Output:	Regulated 12.8V, 60W	Extension Cable:	20ft Extension Cable for Solar Panels