



A BSM TECHNOLOGIES COMPANY

Solar Tracking Unit

- Solar Advantage
- Over-The-Air Adjustable Thresholds
- Adaptive Device Configuration (ADC)
- Customizable Sensors



Lat-Lon's Solar Tracking Unit brings you critical information about your rail, barge, intermodal, or trucking assets. This self-contained device uses patented solar-powered technology to self-charge, allowing sensors to report day or night and deliver more messages over the lifetime of the product.



Solar Advantage

- Eliminate battery replacement and related downtime expenses with self-charging, dual integrated panels that use direct or indirect sunlight to replenish power, year after year
- Internal battery is protected from high current draws for the longest life possible
- More Power = More Data



Over-The-Air Adjustable Thresholds

- Receive real-time updates on important factors such as ride quality (impacts and deceleration), security, tampering, severe weather, temperature, and more
- Easily adjust device set-up, alerts, and thresholds while the hardware is deployed
- Get alerts via email or text, or simply login on a mobile device with unlimited access to the Lat-Lon app
- Easily export data or integrate with existing fleet management software
- Deploy user accounts for customers to track assets on their own, reducing workload and giving customers peace of mind through visibility





Lat-Lon Solar Tracking Unit



Adaptive Device Configuration (ADC)

- Automatically update how a device functions based on custom parameters, such as velocity, impacts, location, or other sensor data
- Example: Change reporting frequency to once every ten minutes when speed is greater than 20 mph
- Adjust reporting configuration to optimize the value of the data



Customizable Sensors

- More than GPS: Customize sensors to your unique business needs
- Impact: Prevent damage caused by impacts with our 3-axis accelerometer. With filtered g-force values on all 3 axes, plus delta velocity calculations, fully graphed impact and deceleration values can be broken down for future prevention
- Additional Sensors Available:
 - Temperature
 - Pressure
 - Door/Hatch Open or Closed
 - Camera



Mapped symbols identify the status of your assets and easily track the path and location in the web reporting system.

Inset: Impact Graph displays the severity and duration of each impact as well as the direction of G force for 3 axes.

Learn more today

Learn more about how Lat-Lon can make a difference for your business.

Call 877-300-6566 today, and talk to one of our friendly, knowledgeable experts.

