

## FleetPulseGO

# Solar

Keep a watchful eye on your assets by adding the **FleetPulseGO Solar** tracker for frequent location and health data, and remote asset monitoring. The high-efficiency solar panel maximizes operating life of the best-in-class internal Lithium-ion battery, while the sealed case ensures protection across demanding applications and extreme environments. With FleetPulseGO Solar, asset monitoring and control elevate fleet efficiency—and your operation's bottom line.



### Key Highlights

- LED indicators for GPS lock and Cellular
- Over-the-air firmware upgrade
- Standards-exceeding Lithium-ion battery optimizes charge and discharge cycles
- Supports SMS, TCP, UDP, UDP/ACK, FTP, HTTP, HTTPS and AWS MQTT
- Integrated motion sensing
- Integrated GPS receiver/antenna, LTE band antenna
- Supports up to 10K 11-point geofences
- Optional: Ultrasonic cargo sensor, Bluetooth, Zigbee, different digital I/O and ADC options, embedded antennas, RS-232, external power source for charging, and 1-wire bus

## Mechanical

Dimensions..... 8.45" x 4.73" x 1.06" (21.5 x 12.0 x 7.0 cm)  
Weight ..... 24 oz. (680 g)  
Case Material..... PC+PBT

## Electrical

DC Power ..... DC 8-32V  
Power Source ..... Internal 10Ah Rechargeable (via solar) Battery  
Storage ..... Integrated 16MB Flash Memory  
Serial Interface ..... RS232  
Optional I/O..... 1 Digital Input, 1 Digital Output, 2 ADC Inputs and 1-Wire Bus  
Harness Connector..... 8-Pin Circular Bayonet  
Multi-Function Switch ..... Wake/BLE

## Environmental

Operational Temperature..... -40°F to 158°F (-40°C to 70°C)  
IP Rating ..... IP67

## Communications

Cellular Module..... **MNO:** AT&T, Verizon and T-Mobile  
**4G LTE FDD Bands:** 1, 2, 3, 4, 5, 7, 8, 12, 13, 18, 19, 20, 25, 26, 28  
**4G LTE TDD Bands:** 38, 39, 40, 41  
**3G Bands:** 1, 2, 4, 5, 6, 8, 19  
**2G Bands:** 850, 900, 1800, 1900 MHz  
**Comm. Interfaces:** 4G LTE Cat 1, 3G UMTS, 3GPP Release 13, 2G EGPRS  
**Power Class:** 4G/3G-Class 3 (23 dBm); GSM-Class 4; DCS/PCS-Class 1  
**SMS Support:** MT/MO

## Positioning

GPS Module ..... **Receiver Type:** GPS  
**Tracking Sensitivity:** -157 dBm  
**Accuracy:** ± 2.5m CEP (50%, -130 dBm, >6 satellites)  
Accelerometer ..... 3-Axis

## Compliance

Certifications..... PTCRB, FCC, IC, CE (RED) / RoHS, UKCA, PSE, AT&T, T-Mobile, Verizon