The Geo-TraxSAT Solar is the next generation of EasyTracGPS’ industry-acclaimed Geo-Trax product line. While operating on one of the most modern and fastest satellite networks in the world and powered by the sun, this IoT device provides excellent remote monitoring and tracking capabilities. The Geo-TraxSAT Solar’s NiMH rechargeable batteries deliver up to 10 years of usable service, drastically reducing maintenance time and cost for labor and parts. It lets users intelligently configure reporting times and intervals for custom information delivery. The Geo-TraxSAT Solar has unparalleled safety/device certifications including ATEX Class I Zone 0: Division 1, CSA22.2, UL60079-0, IP69K, HERO certifications, and others to meet the needs of every application.

Let the Geo-TraxSAT Solar streamline your M2M operations today!

**BENEFITS**
- Maintenance-free device as the power of the sun recharges its batteries providing up to 10 years of usable service
- Delivers reliable location reporting for assets deployed worldwide – providing security and improved efficiency for your business
- Easy to install as simple packaging requires no harnesses, external power or external antennas
- Wide range of reporting capabilities, including:
  - GPS Location reporting in 4 modes
  - Stationary or In-Motion Reporting
  - Reduced Messaging & Theft Recovery Modes
  - Transmits data from external sensors
- User selectable Speed and Heading operation
- Two dry contact or wetted-voltage inputs available to manage engine run time, tank level or various alarm inputs

**TRACKING PLATFORM**
IntelliMatics™ provides location-based enterprise solutions with a tailored array of EasyTracGPS tracking devices. Managers can interact with all devices and operators from a single, centralized, cloud-based platform that provides live or historical tracking of personnel, vehicles, and assets on-demand.

- Live and Historical Tracking
- Reporting
- Live Alerts
- Geofencing
- Grouping

**POTENTIAL APPLICATIONS**
- Transportation: Monitor & track assets and fleet movements, even in remote locations.
- Oil & Gas: Aids in mobilizing & deploying high value assets in the field.
- Construction: Determine if, when & where your valuable equipment is being used.
- Security: Keep track of valuable mobile assets such as rail cars, propane tanks & AgTech.
- Marine: Monitor & track high value assets, such as boats, barges and containers, at the dock and off-shore.
- Other industry uses: Mining, forestry, government, fisheries, etc.
Geo-TraxSAT Solar
Solar Powered Satellite Asset Tracker

Operating Specifications

Dimensions: 3.25 IN (H) X 7 IN (W) X 1.125 IN (D)
8.26 CM (H) X 17.78 CM (W) X 2.86 CM (D)

Weight: 13.5 oz/385 g
With optional mounting bracket 40.57 oz. (1150 g)

Operating Temp: -40° to +85° C**

Input Voltage: 10 TO 48 VDC

Battery Type: Built-in rechargeable NiMH batteries (non-replaceable)

Satellite Network: Global LEO Satellite operation using the Globalstar Simplex Data Network

Accessories

• USB Configuration Cable (Sold Separately)
• Universal Input Cable (Sold Separately)
• Stainless Steel Mounting Bracket (Sold Separately)
• Bluetooth Dongle (Sold Separately)

Feature Set

STANDARD MESSAGING:
• Wake, GPS locate, transmit location, resume sleep
• Up to 12 programmable sleep time-of-wake settings

INTEGRATED ACCELEROMETER:
• Message on start and stop
• Engage interval override on motion for set time or while in motion

ALTERNATIVE REPORTING:
• Alternate supervisory reporting schedule triggered by alarm or motion
• Transmits GPS location on alternate interval for programmed time or while alarm remains active

CHANGE OF LOCATION:
• Theft-alert reporting based on distance moved
• Reduced messaging mode

SERIAL COMMUNICATION CAPABILITY:
• User defined messages
• Serial (TTL) I/O capability to interface with remote passive and smart sensors and deliver user-defined messages
• Bluetooth interface for configuration/firmware updates

Standards:
- FCC, ISED, CE, AUS/NZ
- ATEX/IEC Ex ia IIC T4 Ga for international Zone 0 applications, IECEx, OSHA Hazard Location Classification of Class 1, UL 60079-0, CSA 22.2 No. 60079-0, CSA 157-92 (Class1 Div1), HERO
- EX COMPONENT, related to schedule drawing 84128
- WEEE Compliant
- GMPCS-MoU
- IP69K (Ingress Protection)
- MIL-STD-810G for:
  - Immersion
  - Impact resistance
  - Salt Fog
  - Acidic Atmosphere
  - Humidity
  - Vibration

Certifications:
- (PENDING) ANATEL, JQA(JAPAN), IFT, INDONESIA
- ATEx/IEC Ex ia IIC T4 Ga for international Zone 0 applications, IECEx, OSHA Hazard Location Classification of Class 1, UL 60079-0, CSA 22.2 No. 60079-0, CSA 157-92 (Class1 Div1), HERO
- EX COMPONENT, related to schedule drawing 84128

** While functional in the specified Operating Temperature Range, usage of the Geo-TraxSAT Solar above 60°C may cause RF signal degradation and decreased battery lifetime of the unit.
Geo-TraxSAT Solar
Solar Powered Satellite Asset Tracker

Global Coverage Map

Note: This map indicates areas of potential satellite coverage only. Actual availability of service in any particular country may be subject to government approval.

Additional Coverage Map Details
Completion rates based on Remote Telemetry Units (RTUs) that are set to transmit a single packet message 3-times (the original transmission plus 2-repeats) in the frequency appropriate for the given regions. This is an estimate of coverage only. Actual Remote Telemetry coverage may vary based on terminal location, terrain features, signal strength, and other factors affecting satellite communications. Coverage may vary. Specifications subject to change without notice. This map indicates areas of potential satellite coverage only. Actual availability of service in any particular country may be subject to government approval.