



**Battery-
Powered GPS
Trackers**





Industry-Leading Battery Life & Reliability

Integration-ready and globally scalable battery-powered GPS trackers with up to 10 years of battery life

Build a better IoT asset tracking solution with the largest portfolio of certified and integration-ready LPWAN battery-powered GPS asset tracking devices with the widest range of connectivity and location technology options including GNSS, WiFi Positioning, Cell Tower Positioning, Bluetooth® Low Energy, Iridium Satellite, and LoRaWAN® Geolocation.



“Deploy Once” Low Power Design

Our focus and expertise in low power design significantly reduces the cost and complexity of device management and technical support. With industry-leading battery life, our battery-powered GPS trackers perform better, last longer, and require minimal interaction once deployed.

Smarter Movement-Based Tracking

Customize reporting frequency based on your specific use case and quickly apply parameter changes with Over-The-Air (OTA) updates.

Periodic Tracking – Reports location periodically throughout the day

Adaptive Tracking – Increases reporting frequency when your asset is on the move

Movement-Based Tracking – Real-time alerts if your asset moves

Sleep Mode – Devices automatically enter a low-power state (sleep mode) when stationary to conserve data and battery life

BATTERY POWERED GPS DEVICE FEATURES



High Precision GPS

GPS and GLONASS positioning systems are used simultaneously with a 72 channel high sensitivity receiver (-167dBm) for enhanced accuracy and faster fixes.



Off-the-Shelf Batteries

Powered by user-replaceable and easily accessible Alkaline, Lithium, or Lithium Thionyl Chloride (LTC) batteries, depending on the device!



Low Noise Amplifiers

GPS signals are boosted by a unique low-noise amplifier (LNA) allowing operation where other units fail.



GNSS Assistance

GNSS almanac data for greater sensitivity and position accuracy.



Rugged & Weatherproof

IP67 rated housing ensures the device can withstand fine dust, high-pressure spray, submersion for 30 minutes in 1m of water, and extreme temperatures.



Low Battery Alerts

Built-in Battery Management for monitoring battery use and accurate remaining life predictions available on several battery-powered devices.



Asset Utilization & Run Hour Monitoring

Capture run hours based on movement to understand and optimize asset utilization.



Theft Recovery

Switch to Recovery Mode in the case of theft or loss to activate live-tracking at 30 second intervals for asset retrieval.



Advanced Geofencing

Create custom geofences and alerts if an asset enters or leaves specific locations. Geofences can also be downloaded directly to the device for enhanced location-based behaviors.



Impact Detection

Configure impact-detection alerts when g-forces are exceeded by a user-defined threshold.



Easy Install

Multiple installation options for covertly securing devices to assets with screws, bolts, cable ties, rivets, and more.



Accelerometer

3-Axis Accelerometer to detect movement and high g-force events.

BATTERY POWERED TRACKING DEVICES

OYSTER



Ultra-rugged, long-life battery-powered GPS tracking device with up to 7 years battery life for asset tracking and management, theft recovery, and more.

YABBY EDGE



Ultra-rugged and compact Indoor/Outdoor battery-powered asset tracker. Features cloud-based location solving for over 10 years of battery life.

REMORA



Ultra-rugged, long-life battery-powered GPS tracking device with up to 7 years battery life for asset tracking and management, theft recovery, and more.

FALCON



Robust battery-powered or wired GPS tracking device with inputs/outputs, I²C Sensor Interface, and WiFi Positioning for indoor and outdoor asset tracking and sensor monitoring

OYSTER EDGE



Ultra-rugged, Indoor/Outdoor battery-powered asset tracking device and Bluetooth® Gateway. Features cloud-based location solving for 10+ years of battery life.

GUPPY Bluetooth® Tag



Tiny, lightweight and ultra-rugged battery-powered Bluetooth® tag with up to 5 years of battery life for affordable indoor and outdoor asset monitoring

EAGLE



Rugged and robust datalogger with GPS and Bluetooth® Gateway featuring an impressive array of inputs/outputs and sensor interfaces

QUALITY MATTERS ...

PrismaQuality serves consumers, companies of any size and system developers with IoT – devices, web-tools and mobile applications. From our product range there can be found suitable sensors for almost any kind of customer and for almost any kind of application. As data services and alert generation, we use several types of mapping solutions and wide range of use case tailored platforms. As communication routes, up-to-date IoT – networks, traditional cellular networks and satellite communication networks are all used regularly.

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