



AS30

Battery Powered Asset Tracker

Maximize efficiency, Maximize risks, Manage assets.

Ideal for container or other assets that are not equipped with power source while exposed to harsh environment, the battery-powered AS30 GPS tracker is designed to withstand changing weather conditions. The AS30 provides asset location tracking and receiving alerts when the asset has been moved or tampered with, plus many more features.

IT'S RELIABLE

The AS30 is a high-performance, IP67 rated device. It includes an integrated LTE Cat.M1 & NB1 & GSM modem, a GNSS receiver, and a 3-axis accelerometer, for cellular data communication, location tracking, and motion detection respectively.

IT'S SIMPLE

With Non-chargeable batteries the AS30 is easy to install on a containers or other assets. AS30 can be programmed to wake-up on motion, upon a preset schedule. Reports can be triggered periodically or in response to events such as removing, movement, geo-fence violations, and many others.

IT'S FUNCTIONAL

The AS30 comes with pre-configured software. Its internal motion sensor and configurable event alarms enable total management of your high-value assets. The device supports variable frequency reporting when moving or stationary.



HIGHLIGHTS

- LTE Cat-M1, NB-IoT & GPRS
- Integrated cellular and GNSS antenna
- LED status indicators for GNSS & network registration
- Integrated accelerometer
- BLE5.0 support, low power consumption
- Large Non-rechargeable backup battery for up to 10 years of operation
- SMS, UDP, TCP, FTP & MQTT
- Up to 16 Geo-fences (polygon and circles)
- Over the air configuration and firmware update
- Extended AT Command set for flexible & easy configuration
- Easy installation
- IP67 Rating

AS30 SPECIFICATIONS

A•TRACS™

CELLULAR	LTE Cat-M, NB-IoT LTE-FDD Bands: 1/2/3/4/5/8/12/13/17 /18/19/20/25/26/28 LTE-TDD B39 (For Cat.M1 only) GSM: 850/900/1800/1900 Integrated high-performance antenna Auto register to LTE network	ELECTRICAL	Operating Current Sleep/Hibernate: < 20uA Tracking 150mA Typical Reporting: 250mA Typical
GNSS	GPS, GLONASS, BeiDou & Galileo Tracking Sensitivity: -161 dBm Acquisition Sensitivity: -146 dBm Location Accuracy: < 2.5CEP	PHYSICAL	Dimensions: 201.8 x 57.3 x 52 mm Weight: TBD g Internal Cellular and GNSS Antenna
SENSOR	Accelerometer : 3x	INTERFACE IOs (for maintenance only)	I/O Connector: 5-pins water-proof (POGO Pin) UART1 TTL (3.3V) (RX/TX) (*2) Two GPIOs (*2) GND (*1)
BATTERY INFORMATION	Type : non-rechargeable battery Capacity : 39Ah @ 3.0V Operating Time : Up to 10years @ 2 reports per day (depends on the LTE signal strength and how many reports per hour)	APPROVALS OR IN PROCESS	FCC 47 CFR Part 22, and Part 24 PTCRB & Carrier Approved
ENVIRONMENTAL	IP67 Rating Operation Temperature: -30°C to +75°C Storage Temperature : -40°C to +85°C		

*Data plan may be required. Coverage subject to network availability.

**Battery life may vary depending upon coverage and/or number of connected devices.

For support information: support@atel-usa.com

Visit our website: www.atel-usa.com

Specifications are subject to change. Please see your ATEL contact for more details.

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