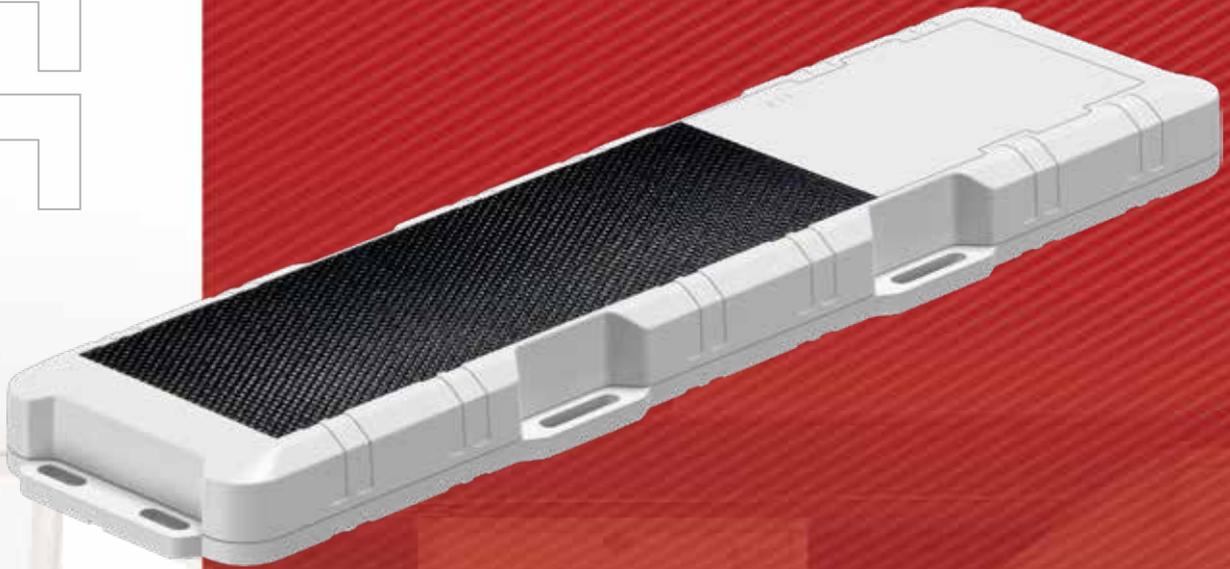


GOSAFE

GAT5000

SOLAR POWERED ASSET TRACKER



APPLICATIONS



Transport &
Logistic



Container
Tracking



Asset
Management



Trailer Tracking

Gosafe

your trusted partner

GAT5000

LTE SOLAR POWERED ASSET TRACKER

KEY FEATURE

- LTE Cat with Global 2G, LTE Cat-1
- Highly Sensitive GPS Engine
- Extensive Power Management
- 10000 mAh Rechargeable Battery & 4500mAh Dry Batteries
- Highly Effective Power solution: Solar Power, Backup Battery, Low Power Consumption
- BLE 5.3 for Wireless Sensor

YOUR BENEFIT

- Get visibility of your asset and container
- Improves efficiency and productivity
- Increase your asset utilization, security and efficiency



Solar Power Tracker

The solar-powered GAT5000 is an ultra-rugged, IP67-rated wireless GPS tracker designed for long-term outdoor asset monitoring. It features a high-capacity 10,000 mAh rechargeable battery supported by 4,500 mAh backup dry batteries for extended operation in all environments.

Its high-efficiency solar panel continuously replenishes the internal battery, enabling over 15 location reports per day under normal conditions. With over-the-air (OTA) configuration, device settings can be updated remotely at any time.

Multiple configurable reporting modes make the GAT5000 an ideal solution for trailer, asset, and container tracking applications.

Features



4G connectivity with fallback 2G



WiFi Location



Bluetooth 5.3 for sensor



Solar Panel for continuous charging



Easy configuration



Highly sensitive GPS

SPECIFICATIONS

GENERAL

Communication Mode	LTE-CAT1/GPRS
GNSS	GPS BEIDOU GLONASS
Buff Message	2000
3- Axis Sensor	Internal
BLE	5.3
LED Indicator	Power/Cellular/GPS Indicator

CELLULAR

Data Support	SMS, TCP
Operating Band	4G+2G Version EMEA Version: B1/B3/B5/B7/B8/B20 GSM/GPRS: 900/1800MHz LATAM Version B1/B2/B3/B4/ B5/B7/B8/B28/ B66 GSM/GPRS: 850/900/1800/1900MH2 4G Only Version EMEA Version: B1/B3/B5/B7/B8/B20/B28 LATAM Version: B1/B2/B3/B4/B5/B7/B8/B28/ B66
Transmitting power	DCS: 1800(26dBm±3dB) CAT-1 FDD: (23dBm±2dB)

CONNECTORS, SIM CARD ACCESS

GPS Antenna	Internal
Cellular Antenna	Internal
SIM Card	Bottom (4FF)

PHYSICAL

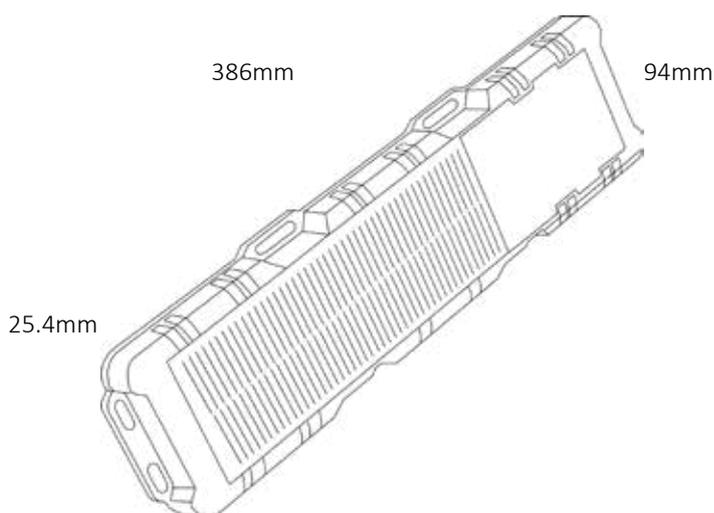
Dimensions	354.0 x 94.0 x 25.4 mm
Weight	850g with 10000 mAh Rechargeable Battery & 4500 mAh Dry Batteries

GPS

Location Technology	32 channels GPS
Tracking Sensitivity	-162 dBm
Acquisition Sensitivity	-148 dBm
Location Accuracy	<10m
TTFF (Open sky)	Cold start 35s average
Hot Start	1 Sec
GPS Antenna	Internal Patch Antenna

ELECTRICAL

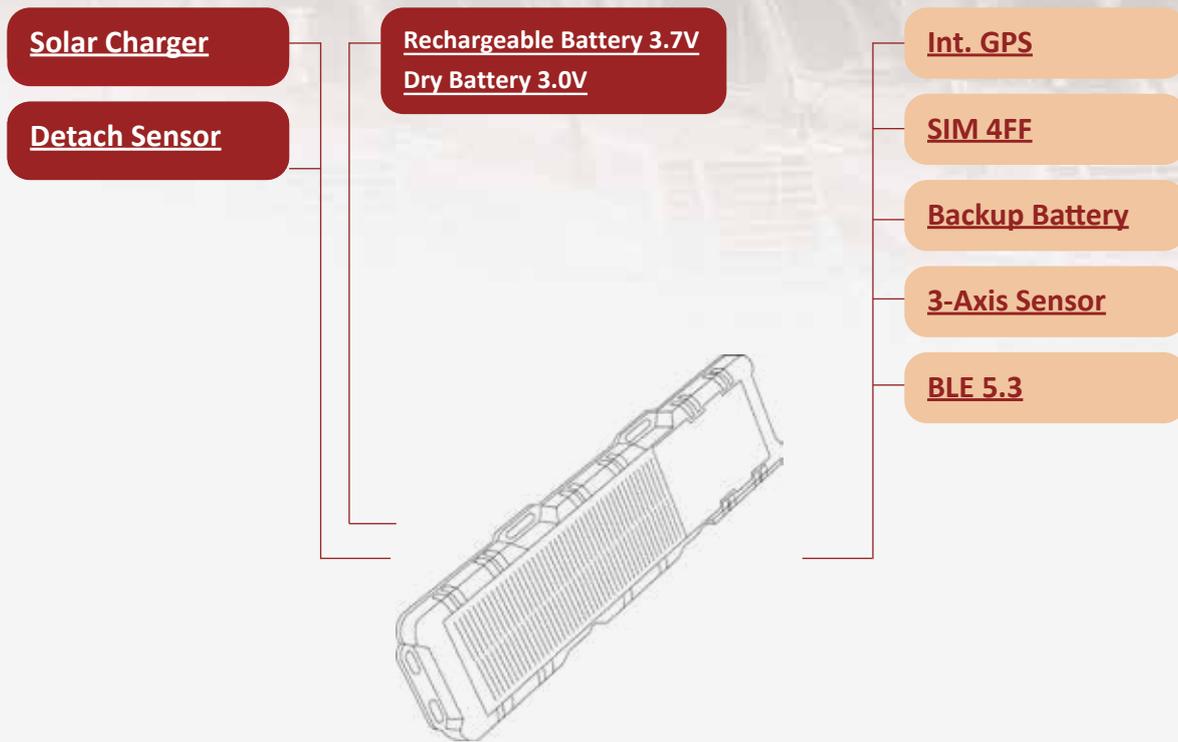
Operating Voltage	Rechargeable battery 3.7V Dry Battery 3.0V
Standby Time without Solar Charging	1 Position a day 300 days 4 Position a day 150 days 24 Position a day 80 days
Backup Battery	LI-PO 10000mAh (Primary) Dry Battery 4500mAh (Backup) Battery Recharging Range is 0 to +45°C



ENVIRONMENTAL

IP Rating	IPX7
Operating Temperature	-20 ~ +80°C (without Backup Battery) -10 ~ +50°C (with Backup Battery)
Humidity	95%RH @ 50°C non-condensing
Shock & Vibration	U.S. Military Standards 202G and 810F, SAE J1455
EMC/EMI	SAE J1113; FCC-Part 15B
RoHS	Compliant (Optional)

Applications



Ordering Models

Model	Connectivity	Region
GAT5000-LTA	LTE CAT-1 (4G Only)	LATAM Version
GAT5000-LT	LTE CAT-1 (4G Only)	EMEA Version
GAT5000-L2A	LTE CAT-1 (4G+2G)	LATAM Version
GAT5000-L2	LTE CAT-1 (4G+2G)	EMEA Version

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