



# ST-LTEB



Rugged, waterproof, cellular GPS tracking device designed for tracking non-powered, exposed assets where super-long battery life is essential. The device works on 2G or 4G Cat-M1/NB-IoT networks and can be fitted with Lithium-Thionyl Chloride (LTC) batteries, for extended temperature tolerance. The innovative battery meter allows precise battery level monitoring and accurate battery life predictions.



Vehicle and fleet tracking



Non-powered asset tracking



Equipment locate and recovery



Trailers and mobile assets



Shipping containers and freight



Anchoring and security of assets

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**Malaga 6090**



# ST-LTEB

## Specifications

### FEATURES

- 2G or 4G Cat-M1/NB-IoT Modem
- Up to 1 year once-hourly updates
- Up to 7 years once-daily updates
- IP67 water and dust proof
- Rugged, robust and low profile
- No install required, simply "place 'n trace"
- Switch from "locate" to "track" over-the-air
- Battery meter for accurate battery monitoring
- Unauthorised movement alert
- Integrated accelerometer

### OTHER

#### Flash Memory

Sufficient memory to store many weeks of records. Normally data is sent to the server immediately but if the device is out of range there is space to ensure no data is lost. There is the capacity for geo-fences to be loaded into flash memory and used for alerting on the device.

#### 3-axis accelerometer

The 3-axis accelerometer allows the device to 'sleep' in an ultra-low power state yet still wakeup when movement occurs.

The accelerometer allows for High G-Force event detection (like assets being dropped or involved in accidents)

#### Battery Meter

A coulomb counter acts as a battery meter, tracking the energy consumption of the device. This enables an accurate battery percentage to be reported.

The battery meter also allows accurate battery life predictions. Simply deploy the device in your application with the desired settings. The energy usage will be reported, enabling you to extrapolate to determine the battery life time.

### POWER

#### Batteries

3 x AA Batteries

#### Input Voltage

16V Max

#### Battery Options

User replaceable batteries, multiple options:

##### Lithium Iron Disulphide

Readily available, low cost Lithium Iron Disulphide Batteries can be fitted.

##### Lithium Thionyl Chloride (LTC)

The device can be fitted with LTC batteries. LTC batteries offer lower rates of early failure and extended temperature tolerance.

### MECHANICAL SPECIFICATIONS

#### Low-profile IP67 rugged housing

The IP67 rated housing is made of sturdy ABS/Polycarbonate plastic to survive bumps and knocks and to survive many years in the sun and weather. It's low profile together with mounting tabs and 'strap slots' allow for easy mounting.

#### Dimensions

L 138 x W 72 x H 30mm

#### Operating Temperature

-20°C to +60°C

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