Spytec gps



M6 Pro XL Extended Battery and All-Weather Case

User Manual

The Spytec GPS M6 Pro XL Extended Battery and All-Weather Case for GL300 Series Trackers is a kit that combines a long-life, rechargeable lithium-ion battery with a tough case that adheres to a metallic surface of a vehicle, mobile equipment or other asset in transit using two heavy-duty magnets. The external battery can extend the battery life of your tracker by up to twelve times, or an additional six months beyond the standard battery life of GL300 series trackers. The case houses the extended battery, connection cable, and your GPS tracker (not included).

In the Box

- Rechargeable Li-ion battery
- AC adapter
- Connection cable
- Watertight case with two magnets
- Two magnet brackets with adhesive strips



Step 1: Charging the Battery

1. Plug the round connector from the cable on the AC adapter into the larger round socket of the lithium-ion battery pack cable. Plug the adapter into a wall outlet or power strip. To fully charge a zero-charged battery, plan on keeping the charger plugged in for up to 15 hours. The LED on the power adapter is red during charging and turns green when the battery is fully charged.



2. When you unplug the adapter from a power outlet, but it's still connected to the battery, the LED will be green. This means the battery is powering the LED, but it does not indicate whether the battery is fully or partially charged. Store the power adapter separately since it will not fit in the case along with a GPS tracker.

Step 2: Connecting the GPS Tracker

- Connect the connection cable to the battery pack by plugging the 4-pin connector on the cable to the 4-pin plug on the battery pack. The plug will only fit one way. Once connected, plug the other end of the connection cable (mini-USB or USB type C) into the GL300. Once the tracker is powered on, it will draw power from the battery pack.



- **Note:** The external (extended battery) will NOT charge the tracker's internal battery. For the most long lasting power, you should fully charge the tracker's internal battery separately before connecting the fully-charged extended battery.

Remaining Battery Capacity Status

- The Spytec GPS Tracker software will show the amount of remaining battery power for each tracker as a dynamic icon next to the name of the tracker and its street address overlaying the map. The battery icon will range from solid to hollow depending on the remaining capacity. When low, the icon will display red. When you hover the hand icon over the battery, the percentage remaining will be displayed as adjacent text, such as 8%.
- **Note:** When the extended battery is connected, the software platform displays the remaining capacity of the extended battery only. It does not count the remaining capacity in the tracker's internal battery.

Attaching the Case to the Vehicle

- With the battery, switch module, tracker, and all wires snugly packed inside with nothing protruding, shut the case and snap the two-tab latch into the slots. Two industrial-strength magnets are attached to brackets. Attach each bracket to the side hinges so that the magnet, when swung around, will adhere to the bottom of the case. Make sure to peel off the adhesive covers so that the magnets will stick to the case bottom.



- You would typically mount the case upside down against a flat metallic surface under a vehicle. If you're attaching the case to a vehicle or another type of asset such as construction equipment or a safe, make sure you attach it to the outside of any metallic enclosure. The case should not be placed under a hood, in the trunk, or in a safe. The case is made of plastic as metal will interfere with transmission signals.
- The magnets will keep the case securely in place. You'll have to exert some force to pull the case off a surface if you want to move the case. The magnets won't damage the mounting surface, and you won't have to drill any holes.
- **Note:** Depending on placement, the case won't necessarily have to be removed from its magnetic mount when you open the lid and temporarily remove components for recharging.

Specifications

BATTERY SPECIFICATIONS	
Rated capacity min	17.6 Ah
Normal voltage	3.7 V
Charge ending voltage	4.2 ± 0.05 V
Charge current	Standard, 0.2 CmA; rapid, 1500 mA
Discharge ending voltage	2.75 V
Max discharging current	2A
Impedance	≤ 130 mΩ
Size	1.5” x 3.1” x 2.8” (3.8 × 8 × 7.1 cm)
Weight (including hard-wired module)	13.8 oz. (392 g)

CASE SPECIFICATIONS	
Dust/liquid protection rating	IP67*
Exterior	Hard plastic
Interior	Rubber
Color	Black
Magnets	2
Size (without magnets)	4.75" x 6.75" x 2"
Weight (without magnets or tracker)	1 lb, 6.3 oz

*Case is able to be submerged under 3.3 ft. (1 m) of water for up to 30 minutes in accordance with IP67 benchmarks.

Help

Thank you for purchasing a Spytec GPS product! We appreciate your business and strive to make your experience the best possible. If you have any issues with your product, please contact us at support@spytec.com so that we can help you get things started.

Warranty



This Limited Warranty applies to physical goods sold by Spytec GPS and lasts for a period of one year from the date of sale of the device. This Limited Warranty covers any manufacturing defects to the device or accessories encountered by normal use. This warranty does NOT cover damages resulting from improper use of the device (including the use of incompatible accessories such as chargers, storage devices, etc.), unauthorized modifications to the device, negligence, any environmental or natural disasters, or loss or theft. This warranty requires proof of sale of the device from Spytec GPS or from approved resellers only.

Devices that are covered will be repaired or replaced at Spytec GPS' discretion. Devices requiring replacement will be fulfilled with a new or refurbished unit, or a similar unit of the original unit is no longer available.

To take advantage of our warranty, please go to https://www.spytec.com/pages/returns and review our returns policy. If your device meets the above guidelines as well as the guidelines on our website, please click the button to proceed to the Return Authorization Form. In the event our online guidelines change, this warranty will supersede any newer changes. Once you have filled out the Return Merchant Authorization form, please wait for instructions. The date the form is filled out must not exceed one year from the date of sale.