



ML500 Extended Battery Asset Tracker With Temperature

This ML500 is designed for logistics companies to track shipments on third-party vehicles which don't allow full telematics product installations and require a battery powered product for easy installation and removal. It contains built-in sensors for recording temperature and light levels, making the product ideal for monitoring perishable goods such as fruit, vaccines and pharmaceuticals in cold chain logistics. Its large and rechargeable battery allows the product to operate for ninety-five days while providing location updates in ten-minute intervals.

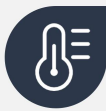
Simply pass the product to the driver of the truck for fool-proof installation and no matter what orientation the product is placed, its good quality internal GPS antenna allow reliable GPS positioning. Its built-in light sensor can also trigger alerts for tamper attempts.

6.07oz (172g)



92 (L) x 49 (W) x 30 (H) mm

-20 degrees ~ 75 degrees



3.7v 5000mAh
Lithium-polymer battery



Powerful Magnet



Waterproof IP65



Built-in 5000mAh Battery



Voice Monitor



Vibration Alarm



Temperature Monitor



Tear-down Alarm



Geo-fence

REGION

Worldwide

OPERATION BANDS

2G GSM 850/900/1800/1900 MHz

POSITION ACCURACY

GPS Accuracy: <10 meters

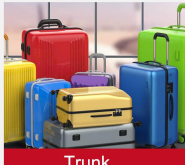
CERTIFICATES

CE

Applications



Truck



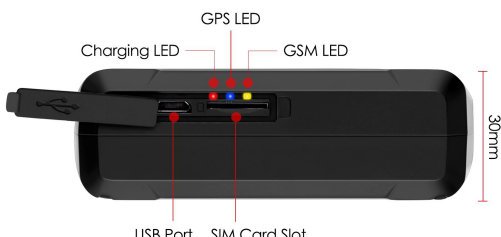
Trunk



Car



Container



Device Information	Model	ML500
	Weight	172g
	Dimensions	92mm(L) * 49mm(W) * 30mm(H)
	Charging Time	10 hours
	Battery Working Time	Tracking Mode, 1 minutes' reporting: 5 days
Working Parameters	Working Voltage	DC 3.4V - 4.5V
	Working Current	4V/Average 45mA
	Sleep Current	4V/less than 5mA
	Battery Capacity	3.7V 5000mAh Lion Polymer battery
	Working Temperature	-20°C - 75°C
	Working Humidity	10%-85%RH non-condensing
GSM Specifications	Working Frequency	2G GSM 850/900/1800/1900Mhz
	SIM Card	Micro SIM Card
	GSM Antenna	Built-in
GPS Specifications	Positioning Type	GPS+BEIDOU+LBS
	GPS Antenna	Built-in
	Cold Start	≤32 Seconds
	Hot Start	≤1 Second
	Tracking sensitivity	-162 dBm
	GPS Channels	64
Temperature Sensor	Scope	40°C to 125°C
	Accuracy	±1°C
External Interface	Microphone, Light Sensor, Temperature Sensor	