



High Cost-effective 4G Vehicle GNSS Tracker MV700G

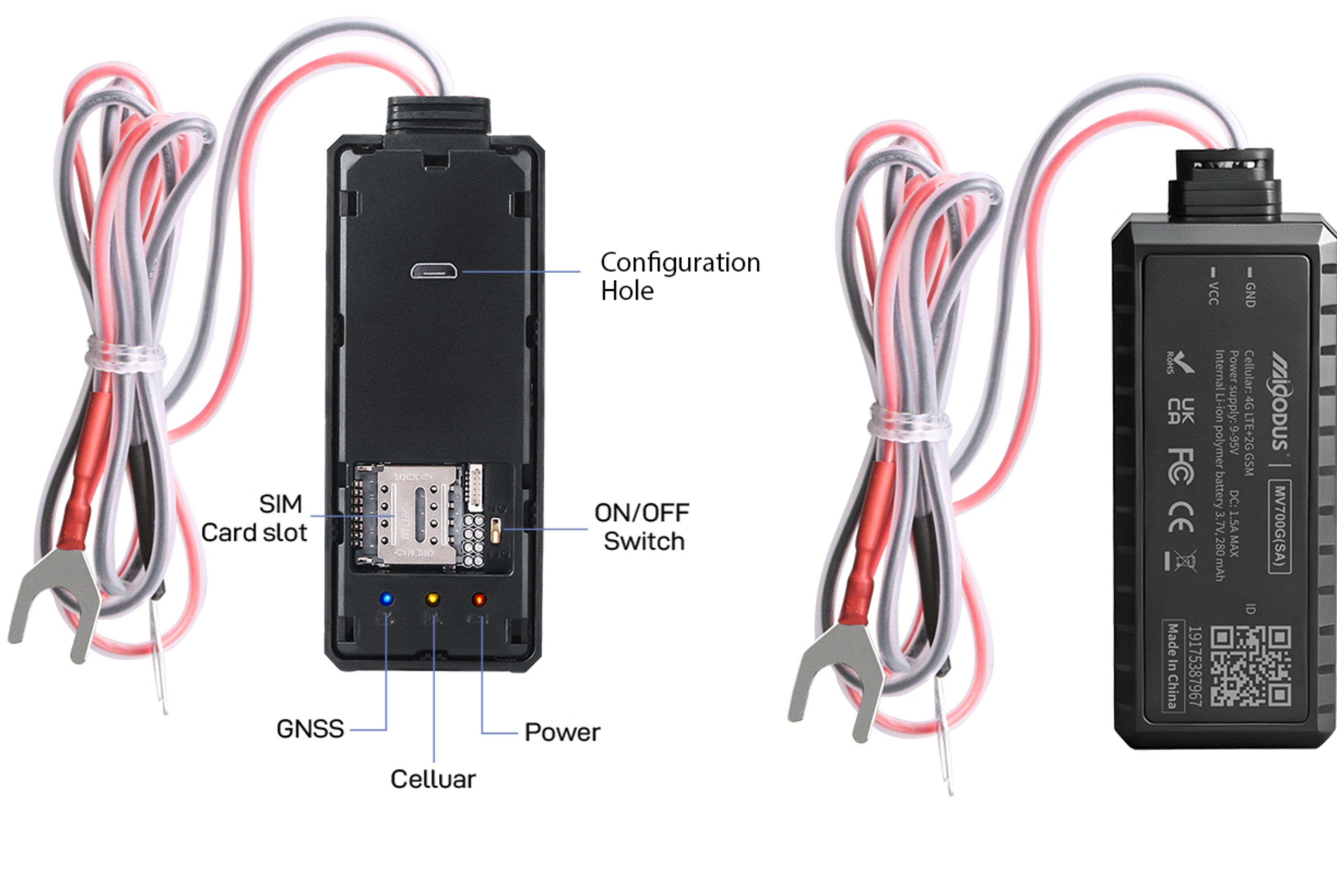
The MV700G is a cost-effective 4G GNSS vehicle tracker designed for easy installation and intelligent vehicle monitoring. It features 4G LTE communication with GSM (2G) backup to ensure stable connectivity in most situations. The device supports real-time tracking, historical route playback, speeding alerts, vibration alerts, and low-voltage warnings, making it an ideal solution for private vehicles, fleet management, motorcycles, and electric scooters.

- 2.01oz(57g)
- 79(L)*33(w)*16mm(H)
- 20°C - 75°C
- Built-in 3.7V 280mAh Polymer Battery

- 4G LTE+2G GSM
- Real-time Tracking
- Historical Route Playback
- GPS+BDS+GLONASS
- Easy To Install
- 9-95V Wide Working Voltage
- Movement Alarm
- Overspeed Alarm
- Vibration Alarm
- Geo-fence
- Battery low voltage Alarm
- Remote OTA Upgrade
- Power Disconnect Alarm
- Blind Area Data Storage

REGION Worldwide	OPERATION BANDS Working Frequency (SA) 2G GSM/GPRS: 850/900/1800/1900MHz 4G LTE-FDD: B1/B2/B3/B4/B5/B7/ B8/B28/B66 Working Frequency (EU) 2G/GSM: 900/1800MHz 4G LTE-FDD: B1/B3/B5/B7/B8/B20
POSITION ACCURACY GNSS Accuracy: < 10 meters	CERTIFICATES CE, RoHS

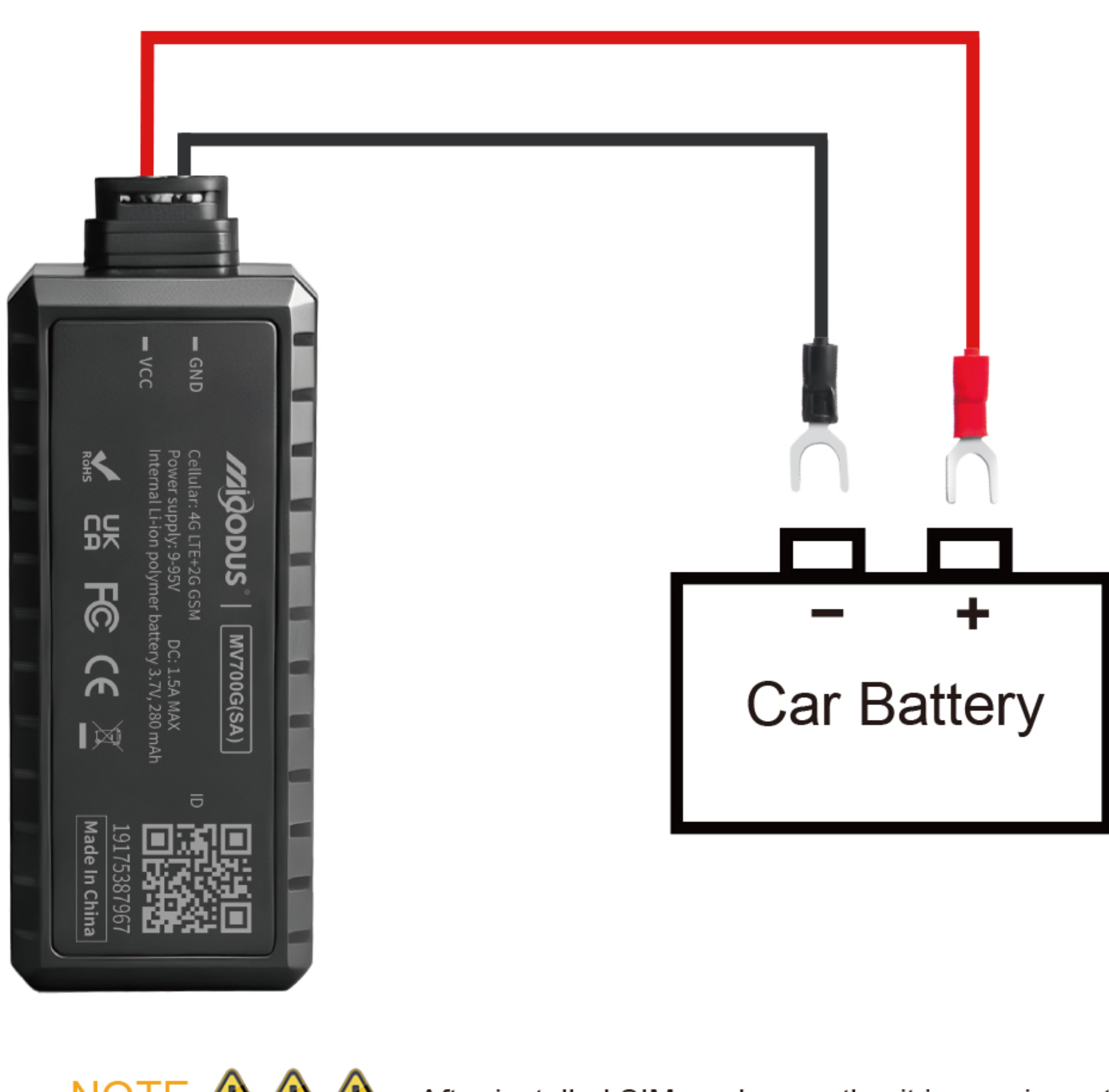
Applications



- Nano SIM
- Micro SIM
- Normal SIM

- TIPS:**
- (1) Please remove the PIN code;
 - (2) Please enable the internet DATA traffic, Caller ID and SMS service of the SIM;
 - (3) Please ensure enough balance left for SIM card monthly fee;
 - (4) Please contact us with SIM operator if the device isn't online automatically.

Wiring



NOTE : After installed SIM card correctly , it is very important to connect the tracker with external power no less than 12V for power supply before operation!

Product Specification

Device Information	Model	MV700G
	Weight	57g
	Dimensions	79mm(L)*33mm(W)*16mm(H)
	Battery	Built-in 280 mAh 3.7V polymer battery
Working Parameters	Working Voltage	9-95V DC
	Working Current	12V/average 35mA
	Sleep Current	12V/average 10mA
	Working Temperature	-20°C - 75°C
	Working Humidity	10%-85% RH non-condensing
Cellular Specifications	SIM Card	Micro SIM
	Cellular Antenna	Built-in, FPC
	Working Frequency	Working Frequency (SA) 2G GSM/GPRS: 850/900/1800/1900MHz 4G LTE-FDD: B1/B2/B3/B4/B5/B7/ B8/B28/B66
		Working Frequency (EU) 2G/GSM: 900/1800MHz 4G LTE-FDD: B1/B3/B5/B7/B8/B20
GNSS Specifications	GNSS	GPS+BDS+GLONASS
	GPS Frequency	L1: 1575.42±1.023MHz
	BDS Frequency	B1:1561.098±2.046MHz
	Sensitivity	-162 dBm
	Satellite Channels	32
	Hot/Cold Start	<1s, <32s @ Open Sky
	Positioning Antenna	Built in ceramic dielectric antenna, 18*18*4mm
	Accuracy	<10m (1σ)