

EG80G Specification



EG80G is a 4G rechargeable tracker, equipped with a high-capacity battery for extended usage and powerful magnets for concealed installation.

This product supports:

1. 4G Cat.1
2. GNSS: GPS/ GALILEO/ BeiDou/ GLONASS
3. IP68
4. Powerful Magnetic Mount
5. 7500mAh Battery
6. Configurator and FOTA WEB



Low power:
as low as 0.8mA

Communication Specifications

Technology	4G Cat. 1
Data Support	SMS (TXT/ PDU)
4G Band	- STD Band: B1/ B2/ B3/ B5/ B7/ B8/ B20/ B28/ B66(B4)/ B38/ B41 (Optional) - NA Band: B2/ B5/ B12/ B17/ B13/ B66(B4)/ B38/ B41 (Optional)

GNSS Technical

Technology	GNSS: GPS/ GALILEO/ BeiDou/ GLONASS
Tracking Sensitivity	-165dB
Capture Sensitivity	-159dB
Position Accuracy	<2.0m CEP
Hot Start	<1s
Cold start	<24s

Power Consumption

Operating Power	DC 3.2-4.2V
Power Consumption	@3.7V 76uA (Offline Deep Sleep Mode) @3.7V 0.8mA (Online Sleep Mode) @3.7V 23mA (Tracking Mode)
Charging Input	Type-C: DC 5V
Battery Capacity	3.7V 7500mAh Lithium Battery
Battery Life	Excluding Self-Discharge - Deep Power Saving : ~3 years @ 2 data/day - Smart Power Saving : ~90 days @2h /day - Tracking Mode: ~10 days

Features

Working Modes	- Tracking Mode - Smart Power Saving Mode - Deep Power Saving Mode
Alarm function	- Light Sensor Alert - Low Voltage Alert - SOS Alert - Speeding Alert - Harsh Braking Alert - Harsh Acceleration Alert - Harsh Turning Alert - Collision Warning
Data Storage	Expandable up to 10,000 entries with optional Flash
Configuration Support	Configurator, FOTA WEB, SMS, Monitoring Platform

Physical & Interface Specifications

Working Temperature	-25°C to +75°C
Storage Temperature	-40°C to +85°C
Ingress Protection Rating	IP68
LED	- Yellow: Location - Red: Communication - Green: Battery Level
Interface	Micro-SIM, Type-C, Microphone
Color	Black
Product Dimensions	L 95* W 72* H 35.5 mm
Weight	291g

Regulatory Compliance

Certification	CE,FCC,EMARK,UKCA
Product Name	EG80G

Appearance

Unit: mm

