

# EG06G Specification

EG06G is a 4G solar-powered tracker, equipped with high-efficiency solar panels for continuous charging and powerful magnets for discreet and long-term deployment.

This device supports:

1. 4G Cat.1
2. GNSS: GPS/ GALILEO/ BeiDou/ GLONASS
3. IP67
4. Solar power charging
5. Powerful Magnetic Mount
6. 7500mAh Battery
7. Configurator and FOTA WEB



## Communication Specifications

|              |                                                                                                                                                                                                   |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Technology   | <ul style="list-style-type: none"><li>• 4G Cat. 1</li></ul>                                                                                                                                       |
| Data support | <ul style="list-style-type: none"><li>• SMS (TXT/ PDU)</li></ul>                                                                                                                                  |
| 4G band      | <ul style="list-style-type: none"><li>• STD Band: B1/ B2/ B3/ B5/ B7/ B8/ B20/ B28/ B66(B4)/ B38/ B41 (Optional)</li><li>• NA Band: B2/ B5/ B12/ B17/ B13/ B66(B4)/ B38/ B41 (Optional)</li></ul> |

## GNSS Technical

|                      |                                                                                       |
|----------------------|---------------------------------------------------------------------------------------|
| Technology           | <ul style="list-style-type: none"><li>• GNSS: GPS/ GALILEO/ BeiDou/ GLONASS</li></ul> |
| Tracking sensitivity | <ul style="list-style-type: none"><li>• -165dB</li></ul>                              |
| Capture Sensitivity  | <ul style="list-style-type: none"><li>• -159dB</li></ul>                              |
| Position accuracy    | <ul style="list-style-type: none"><li>• &lt;2.0m CEP</li></ul>                        |
| Hot start            | <ul style="list-style-type: none"><li>• &lt;1s</li></ul>                              |
| Cold start           | <ul style="list-style-type: none"><li>• &lt;24s</li></ul>                             |

## Power Consumption

|                   |                                                                                                                                                                                                               |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Operating Power   | <ul style="list-style-type: none"><li>• DC 3.2-4.2V</li></ul>                                                                                                                                                 |
| Battery capacity  | <ul style="list-style-type: none"><li>• 3.7V 7500mAh Lithium batteries</li></ul>                                                                                                                              |
| Power Consumption | <ul style="list-style-type: none"><li>• @3.7V 90uA (Deep Power Saving Mode)</li><li>• @3.7V 0.8mA (Smart Power Saving Mode)</li><li>• @3.7V 19mA (Tracking Mode)</li></ul>                                    |
| Charging input    | <ul style="list-style-type: none"><li>• Solar panel: 6V 90mA(Max)</li><li>• Type-C: DC 5V</li></ul>                                                                                                           |
| Battery Life      | <ul style="list-style-type: none"><li>• Excluding Self-Discharge</li><li>• Deep Power Saving: ~3years @ 2 data/day</li><li>• Smart Power Saving: ~80days @ 2h /day</li><li>• Tracking Mode: ~10days</li></ul> |

## Features

|                       |                                                                                                                                                                                                                                                                    |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Working modes         | <ul style="list-style-type: none"><li>• Tracking Mode</li><li>• Smart Power Saving Mode</li><li>• Deep Power Saving Mode</li></ul>                                                                                                                                 |
| Alarm function        | <ul style="list-style-type: none"><li>• Tamper Alert</li><li>• Low voltage Alert</li><li>• SOS Alert</li><li>• Speeding Alert</li><li>• Harsh Braking Alert</li><li>• Harsh Acceleration Alert</li><li>• Harsh Turning Alert</li><li>• Collision Warning</li></ul> |
| Data storage          | <ul style="list-style-type: none"><li>• Expandable up to 10,000 entries with optional Flash</li></ul>                                                                                                                                                              |
| Configuration support | <ul style="list-style-type: none"><li>• Configurator, FOTA WEB, SMS, Monitoring Platform</li></ul>                                                                                                                                                                 |

Physical & Interface Specifications

|                           |                                                                                                                                             |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Working Temperature       | <ul style="list-style-type: none"><li>-25°C to 75°C</li></ul>                                                                               |
| Storage Temperature       | <ul style="list-style-type: none"><li>-40°C to 85°C</li></ul>                                                                               |
| Ingress Protection Rating | <ul style="list-style-type: none"><li>IP67</li></ul>                                                                                        |
| LED                       | <ul style="list-style-type: none"><li>Yellow: Location</li><li>Red: Communication &amp; Battery Level</li><li>Red/Green: Charging</li></ul> |
| Interface                 | <ul style="list-style-type: none"><li>Micro-SIM, Type C</li></ul>                                                                           |
| Color                     | <ul style="list-style-type: none"><li>White</li></ul>                                                                                       |
| Product Dimensions        | <ul style="list-style-type: none"><li>L 157* W 70* H 26.5 mm</li></ul>                                                                      |
| Weight                    | <ul style="list-style-type: none"><li>310g</li></ul>                                                                                        |

Regulatory Compliance

|               |                                                             |
|---------------|-------------------------------------------------------------|
| Certification | <ul style="list-style-type: none"><li>CE,FCC,UKCA</li></ul> |
| Product Name  | <ul style="list-style-type: none"><li>EG06G</li></ul>       |

Appearance

