



- Ruggedized Case
- Multiple I/O Interfaces
- 1-wire Interface
- TTL Port
- RS232 Port
- IP67 Waterproof
- OTA Control
- Scheduled Timing Report
- Geo-fences
- Power On Report
- Low Power Alarm
- Fuel Level Monitoring
- Support Temperature Sensor

# GV600 Series

Rechargeable waterproof tracking devices with 120 days standby time designed for trailer, tanker and flatbed truck applications

270g	135mm(L) × 62mm(W) × 38mm(H)
Operating Temperature -20°C ~ +60°C Charging Temperature 0°C ~ +45°C (For 5200mAh battery); +10°C ~ +45°C (For 5800mAh battery)	Two options: Li-ion, 3.7V, 5200 mAh, 18650 battery pack Li-ion, 3.7V, 5800 mAh, 18650 battery pack

**Standby Time:** (15 Min Online per Day,5800 mAh battery)  
1 Report/Day 120 Days

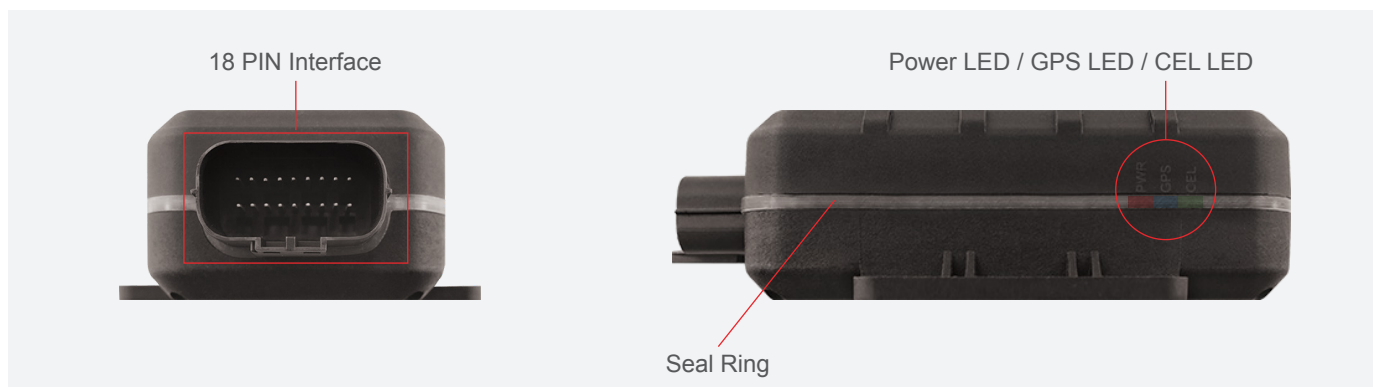
The GV600 series includes three models of ruggedized waterproof GNSS trackers specially designed for trailer, tanker, reefer and flatbed truck tracking. They feature up to 120-day standby time from an internal rechargeable 5800 mAh battery pack, and support dual external power sources for redundancy.



## GV600 Series Models



	Region	Operating Band	GNSS Type	Position Accuracy (CEP)	Certificate
GV608	Worldwide	GSM 850/900/1800/1900 MHz	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m	CE/E-Mark
GV628W	North America	UMTS/HSPA 850/1900 MHz GSM 850/1900 MHz	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m	FCC/PTCRB/AT&T
GV648W	Worldwide	UMTS/HSPA 850/900/1900/2100 MHz GSM 850/900/1800/1900 MHz	u-blox All-in-One GNSS receiver	Autonomous: < 2.5m	

## Multiple Interfaces



Digital Input	1 positive trigger input for ignition detection
Analog Input	1 analog input (0V-30V)
1-wire Interface	Support 1-wire temperature sensor
Power Output	3.3V output for external devices
Digital Inputs/Digital Outputs	4 negative trigger inputs for normal use, or 4 open drain outputs 150mA max drive current
Serial Ports	1 TTL port, 1 RS232 port
Cellular Antenna	Internal only
GNSS Antenna	Internal only
LED Indicators	CEL, GNSS, PWR
Connector	18 pin waterproof connector

## Accessories

	<p><b>1-wire Temperature Sensor</b></p> <p>1-wire temperature sensor (DS18B20) Cable length: 8m</p>
	<p><b>Ultrasonic Fuel Sensor UFS300</b></p> <p>Ultra Sonic Fuel Sensor Operating voltage: 9V-36V DC Measurement range: 5cm - 100cm Level accuracy: <math>\pm 0.5\%</math> IP rating: IP66 (detector) Output interface: - RS232 Interface: Baud rate: 19200</p>
	<p><b>Ultra Sonic Fuel Sensor Diagnostic Tool for UFS300</b></p> <p>LED display, used to diagnose the mounting state of UFS300</p>
	<p><b>iButton Kit without AC100</b></p> <p>Used for driver ID identification (Dallas keys) Parts list: iButton reader x 1pc; 1-wire interface iButton (with handle) x 2pcs Cable length: AC100 1M; iButton reader 18cm</p>
	<p><b>Relay with Socket</b></p> <p>Cable length: 14.5cm NO/NC 40A/30A (14V DC) With internal freewheeling diode</p>
	<p><b>GV600W Upgrade Kit</b></p> <p>This kit includes the data cable and power supply. It is used for firmware upgrade and configuration. Parts list: Power_Supply_12V_US_DCJACK GV600 Series USB to TTL configuration cable</p>
	<p><b>GV600W Mounting Bracket</b></p> <p>Iron bracket with screws for GV600 series installation Parts list: Mounting bracket x1 Serrated flange nuts x4 Flat head screws x4</p>