

# GLP 55E



**Astrata's GLP550E is the best choice for reliable, battery-powered, portable tracking for fixed or moving assets.**

The GLP550E is a proven choice for easy to deploy, affordable, real-time tracking of vehicles, cargo, containers or any of a variety of fixed or portable assets. The GLP550E is compact, self-powered, and easy to install. It includes a certified quad-band modem, and a 3-axis accelerometer, in weather-resistant enclosure. The unit can be surface mounted in overt or covert locations. The device is optimized for today's increasing demand for monitoring/tracking portable or semi-portable assets or cargo. The unit is self-contained and requires no additional components. It is battery powered and can last up to 3 years in service. The GLP550E provides complete GSM/GPRS communications, to help Astrata's clients track and reliably monitor their assets for a variety of tracking, management or recovery applications.

Astrata's GLP550E provides a flexible, economical, equipment tracking solution offering feature rich capabilities with low implementation and operational costs to meet your portable asset monitoring need.



## GLP550E Device Features:

- Quad-band GSM modem
- Integrated GPS chipset
- 3 Axis accelerometer (motion detection)
- Built-in battery (replaceable)
- Long life battery (1000 updates)
- Waterproof/weatherproof enclosure
- Integral Internal antennas
- Easy-to-deploy (fixed or temporary) on trailers, containers, machinery or other valuable assets
- Support SMS messaging
- OTA Firmware upgrades
- Flexible customization through built-in programmable rules engine & control automation capabilities
- Built in customizable reporting and management through Astrata's GLSi Web interface

*Superior Performance, unprecedented reliability –Delivered through the GLP550E*





## Technical Specification

### Operation

Buttons	Power
LED	Power status
<b>GSM</b>	
Band	850/900/1800/1900 MHz
Transmit power	Class 4 (2W @850/900 MH) Class 1 (1W @1800/1900 MHz)
Antenna	Built-in GSM antenna
Packet Data	Class B, Multislot 2
Protocol	GSM/GPRS Rel 97, AMR Rel 97

### GPS

Receiver	Built-in GPS antenna
Protocols	NMEA, Binary
Buffered GPS message feature	Yes

### Power

External DC Voltage	N/A
Number of Transmissions	1000 Updates (Approx. 3y reporting daily position updates)
Battery	Lithium Ion 4200 mAh

### Certifications

FCC	Parts 15,22,24
GCF	Version 3.40.0
PTCRB	Version 5.6
CE	Article 3.1a, 3.1b, 3.2
RoHS Compliant	Yes
Anatel	Yes
eMark	Yes
Industry Canada	RSS-210, 132, 133

### Environmental

Temperature range operation	Normal operation -30C to 85C degrees celsius
Humidity	Up to 95% non-condensing
Vibration	In accordance with SAE J1211
Dimensions	170 x 69x 21 mm, 190g Polycarbonate



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