



# G52 Solar 3G GPS Tracking Device

The G52 Solar's rugged housing and built in solar panel allows the device to monitor and track assets in harsh and remote environments, without the need for an external power source. The G52 is suitable for multi-purpose tracking and monitoring, anchoring and security of assets, logistics management and fleet management.

## G52 Key Features:

- **Powered by the sun**  
Solar Panel and Integrated battery back-up - The Solar panel of the device constantly keeps the internal battery charged. Intelligent power management algorithms ensure that the device will continue to track for years without an external power source.
- **Rugged weatherproof housing**  
The Nylon Glass Composite housing protects against the elements. This allows the G52 Solar to be installed externally on any assets in most environmental conditions.
- **High sensitivity GPS**  
GPS technology specifically designed for quick latch times and accurate recording of position.
- **3G connectivity**
- **3D Accelerometer**  
A digital accelerometer allows the unit to operate in very low power modes when the device cannot be recharged with a UV power source. Movement detection, vibration & shock monitoring is all possible using the G52 Solar.

### MECHANICAL FEATURES

Dimensions: H 33 mm x L 126 mm x W 80 mm | Housing: Nylon Glass Composite, IP67 rated | Harnessing: Multiple, made to order | Temp range: -20 ° to +70 °C

### POWER

Input range: 9 to 24V DC, trickle charging | Output range: 5V | Backup: Lithium Polymer (850mAH) standby depends on operating mode

### CONNECTIVITY

GSM: Quadband 2G or 3G 850/900/1800/1900/2100MHz) | SIM: Single | GSM Antenna: Internal Quadband | Digital inputs: 2 lines, 0 to 50V | Switched ground output: Yes

### GPS TRACKING

GPS Module: High sensitivity GPS receiver, 50 channel Assisted GPS: Yes, 14 day | Antenna: Internal ceramic Antenna with low noise amplifier

### OTHER FEATURES

3D Accelerometer: Yes, 3D | Temperature sensor: Internal | Tamper Wire: Optional | Internal Memory: 4MB Flash

### APPROVALS

Type: CE, C-TICK, ICASA



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