

SOLAR

Telematics for Mobile Storage Units

Installation in
5 min

Stay in control with syniotec telematics

Complete overview of your fleet, tools and attachments
- anytime, anywhere.



Live GPS Tracking
Always know where your equipment is



Bluetooth®
Bluetooth®: BLE 5.3-Tracking for beacons



Tracking of Operating Hours
Automatically document operating hours and idle times



Waterproof and Weatherproof
Built to withstand weather and harsh conditions



Autonomous Solar Power
Gains energy through the integrated solar panel.



Global Network Coverage
4G LTE CAT1 and GSM

Suitable for ...



Cars



Trailers



Trucks



Containers



Attachments



Lifting equipment



Construction machines



Agricultural machines



Medium-sized equipment



Special machines



Tools



Pumps & generators

Transferred Data

- Real-time location
- Odometer
- Operating hours
- Motion & standstill alarm
- Battery & charging status
- Tamper detection
- and more

Interfaces

Charging and Data Transmission	type-C connector
Network, GNSS Antenna	internal
LED Indicator	network, GNSS and battery
Light Sensor	for removal alert
Temperature Sensor	built-in temperature sensor

Cellular

Bluetooth®	BLE 5.3 (completely wireless sensor solution)
LTE	4G LTE CAT 1
Operating Band	LTE FDD Cat 1: B1/B2/B3/B4/B5/B7/B8/B12/ B13/B17/B18/B19/ B20/B25/B26/B28/B66 LTE TDD Cat 1: B34/B38/B39/B40/B41 GSM (2G): 850/900/1800/1900 MHz
Data Transmission	LTE-FDD: Max. 10 Mbps (DL) Max. 5 Mbps (UL) LTE-TDD: Max. 8.96 Mbps (DL) Max. 3.1 Mbps (UL) GPRS: Max. 85.6 Kbps (DL) Max. 85.6 Kbps (UL)

GNSS Specifications

GNSS-Chipset	All-in-One GNSS-Receiver
GNSS-System	GPS + Glonass + Beidou + Galileo + QZSS
Sensitivity	Acquisition: -147 dBm Tracking: -166 dBm Reacquisition: -159 dBm
Position Accuracy (CEP)	Autonomous: < 2 m
TTFB @ -130 dBm with (without) Easy	Cold start: < 28 s Warm start: < 25 s Hot start: < 1 s
Receiver Type	GNSS: 47 channels (Tracking & Acquisition)

syniotec SOLAR

Telematics for Mobile Storage Units



General Specifications

Battery	rechargeable Li-Polymer 7500 mAh / 3.6 V
Temperature	Operating: -30 °C to +80 °C
Weight	410 g
Dimensions (LxWxH)	185.4 x 84.7 x 31.3 mm
Waterproof	IP67
Certifications	



Get started with smart machine digitization now!

syniotec.com

