



**PUI**  
Positioning Universal

# TT600/603

SOLAR-POWERED  
ASSET TRACKER

The **TT600/603** is a solar-powered asset/trailer tracker that provides current location, speed and battery level, all without the need for expensive or time-intensive installation.

Enjoy year-round peace of mind with its intelligent power management and large, internal battery capacity.

## KEY FEATURES

- Able to sustain up to 4 months from a full charge at 12 reports per day
- Bluetooth beacon scanning
- Tractor power detection (for 603)
- LTE global CAT M cellular network coverage
- Rated IP67
- No hardware installation required
- Optional hardware install with the capability to add door sensor and external temperature monitoring (for 603)

## MARKET APPLICATIONS

- **Trailers**
- **Shipping Containers**
- **Generators**
- **Yellow Iron**
- **Flatbed Trailers**



## SPECIFICATIONS

### CASE

<b>DIMENSIONS</b>	262mm x 88mm x 30mm
<b>WEIGHT</b>	540g
<b>HOUSING</b>	Industrial-grade polycarbonate (PC), crush resistance, IP67

### LOCATION

GPS (multi-constellation)  
Assisted acquisition: 2s (via cloud)  
Acquisition sensitivity: -160dBm (1\*)  
Tracking sensitivity: -167dBm (2\*)

### ENVIRONMENT

<b>OPERATING TEMP</b>	-20°C to 70°C (3*)
<b>VEHICLE VIBRATION</b>	SAE J1455 (4*)
<b>MECHANICAL SHOCK</b>	ISO 16750-3
<b>TRANSIENT SURGES</b>	SAE J1455 12/24 VDC
<b>TEMPERATURE &amp; HUMIDITY</b>	SAE J1455 (4*)
<b>SALT SPRAY</b>	ISO 16750-4

### POWER

<b>SOLAR CHARGING</b>	1.5W
<b>BATTERY LIFE</b>	>3,000 daily cycles >4 months without charging @ 12 reports per day (5*)

### SECURITY

Secure boot  
TLS/SSL

### CERTIFICATIONS

RoHS, FCC, CE, IC, REACH, RCM, PTCRB, AT&T, applicable carriers

### GLOBAL CELLULAR CONNECTIVITY

<b>4G</b>	Cat M
<b>2G</b>	850, 900, 1800, 1900
<b>SIM</b>	2FF (inserted prior to IP testing)

### SENSORS

<b>INTERNAL SENSORS</b>	6-axis IMU Battery level Ambient temperature
<b>SENSOR SAMPLING INTERVAL</b>	Up to every 1 min. when moving Dynamic on motion and power

### REPORTING INTERVAL

Default every 10 min. when moving  
Dynamic on motion and power

### CONNECTOR (603 ONLY)

Aux power in (6-24VDC)  
1-Wire technology (6\*)  
RS-232  
1.2W power out @ >-30°C

### EVENTS

Moving  
Stopped  
Door sensor  
Temperature sensors  
Bluetooth beacons

### BLUETOOTH

v4.2/5.0 BLE with internal antenna

(1\*)(2\*) Based on GPS chipset specification

(3\*) Extreme application temperature range of -40°C to 70°C available by special order.

(4\*) Inside operating temperature range

(5\*) Battery life assumes the product is installed according to the provided installation instructions. Four months is based on stationary device using LTE Cat M network in open sky conditions; batteries degrade over time as a function of age and temperature.

(6\*) 1-Wire is a registered trademark of Maxim Integrated Products, Inc.

Specifications are subject to change. Please see your Positioning Universal contact for more details.