



TT600 Solar-Powered Asset Tracker with Cat-M

What is an Asset Tracker?

An asset tracker provides real-time asset / container tracking with data logging, GPS location, and data communication. Fleet managers have complete transparency of location, speed and battery level percentage. Rules, such as a low battery rule, can be set to send a notification to the fleet manager. Future capabilities include - tractor power detection, temperature monitoring, door sensors, and tire pressure monitoring.

➤ **Simple installation and troubleshooting**

Install with 4 rivets, screws or bolts and turn it on and your device is already connected and sending data.

➤ **Dynamic Tracking**

1 GPS fix per minute when in motion. You don't just know where your assets were, but where they are.

➤ **Rugged Design**

IP67- international standard for protection against intrusion of solids, dust, contact and water. (5-7 year life)

➤ **Self-sustaining solar power**

Solar cell and large backup battery designed for the real world like rainy seasons, freezing temperatures and blazing hot days.

➤ **LTE Cat M/NB-IoT with 2G Fallback**

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TT600 Specs

Applications

Dimensions	10.31" x 3.46" x 1.18" (262mm x 88mm x 30mm)
Weight	1.17lb (0.53kg)
Location	GPS (multi-constellation) Assisted acquisition: 2s (via cloud) Acquisition Sensitivity: -160dBm (1*) Tracking Sensitivity: -167dBm (2*)
Events	Moving Stopped
Internal Sensors	9-axis IMU Battery level
Sensor Sampling Interval	Dynamic based on motion and power Up to every 1 min when moving
Reporting Interval	Dynamic based on motion and power Up to every 10 min when moving
Battery life	>3000 daily cycles >4 months without charging @ 12 report / day (3*)
Global Cellular Connectivity	4G (Cat M/NB-IoT) Global Bands 2G: 850,900,1800,1900 SIM: 2FF (inserted prior to IP testing)
Operating Temperature	-20°C to 70°C (4*)
Housing	Industrial grade Polycarbonate (PC) Crush Resistance IP67

Security	Secure boot TLS/SSL
Solar Charging	1.5W
Certifications	FCC IC CE PTCRB RCM And applicable carriers
Environmental	RoHS Reach SAEJ1455 - Thermal Shock (5*) - Humidity (6*) - Mechanical Vibration - Mechanical Shock (Handling, Transit, Installation Harness) - Steady State Electrical (12V Systems, 24V Systems) - Conducted Transients - Electrostatic Discharge ISO16750 - Mechanical Shock - Salt Spray (corrosion test)

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

(3*) 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.

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

(5*) (6*) Inside operating temperature range.

For More Information, Contact Us:
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The Flex Solar
Powered
Asset Tracker.

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Why do I need an Asset Tracker?

Knowing exactly when and how your equipment is being used, allows you to **stay on top of required and preventative maintenance** lowering your odds of having to deal with a malfunctioning piece of equipment.

Tracking your resources will give you a better picture of how materials are being used, **how much surplus** you have at any given time, and **what unnecessary resources that you can cut out.**

Asset tracking **increases productivity** by decreasing the amount of time spent looking for equipment, recovering from unexpected malfunctions, and **maximizing time used.**