

## ASSET-SMART AST3SLi

Solar Powered Tracking Device

Product Specifications

### SENSEL TELEMATICS



Designed and Manufactured in India

#### Features:

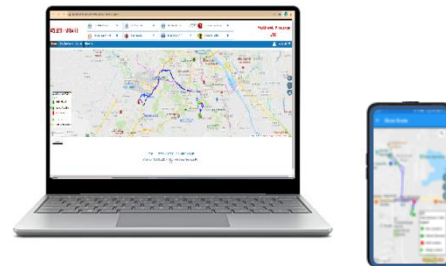
- **Ultra Low Power**, Wire Free
- Advanced Solar Harvesting for Operational Longevity (Designed for low ambient lighting conditions)
- Multiple configurable modes of updates. Programmable different update rates while in motion and when stationary.
- Theft detection based on Programmable vibration thresholds using 3-axis accelerometer
- Remote battery level indicator
- Web based as well as mobile App support
- Location update in GPS mode as well as GSM mode where GPS signal is unavailable.
- Dual M2M eSIM
- OTA (Firmware and Configuration)
- Intelligent and Adaptive Power Management
- Device Removal and Tampering Alerts
- Large Internal Data Storage for temporary Network Outages
- Internal Temperature Sensor

#### Dimensions:

- 197mm x 83 mm x 28 mm
- Weight:- 500 gms

#### Bluetooth Specification:

- Bluetooth 5.0 compliant



#### GPRS/GSM Specification:

- 4G LTE Cat 1 with fallback to 2G
- LTE-FDD B1/B3/B5/B8
- LTE-TDD B40/B41
- GSM/GPRS/EDGE 900/1800 MHz
- TCP, FTP, HTTP, MQTT, SMS, MQTTS
- CE Certified

#### GPS Specifications:

- NavIC L5, GAGAN/GPS L1
- Position accuracy 2.5m CEP
- Velocity accuracy 0.1m/sec
- Start-up time 1sec hot start, 30sec cold start
- Acquisition Sensitivity: -145 (GPS)/ -140dBm (NavIC)
- Tracking Sensitivity: -160 (GPS)/ -153dBm (NavIC)
- Update rate 1 Hz or better

#### Electrical / Environmental Specification:

- 3.7v 6000mAh Long life Lithium ion internal rechargeable battery.
- Charger – Solar Panel Charging
- Operating Temperature: -20 deg C to +85 deg C (Auto cut-off at +70 deg C)
- IP67 Water proof and dust proof