

# XT-4900

The XT-4900 is an energy harvesting dual carrier LTE platform supporting long-term, remote deployments without the need to replace the battery. XT-4900 utilizes a high efficiency solar panel to charge and maximize the operating life of the internal Lithium Ion battery. Customers who require frequent data for location, health, and monitoring of their remote assets can be assured the XT-4900 will provide more frequent data for longer periods compared with other asset tracking devices.



## Key Features

- AT&T LTE Cat 1 with 3G fallback
- LED status indicators for GPS lock, Cellular and WLAN communication
- Integrated GPS receiver and antenna for tracking applications
- Integrated LTE Band Antenna
- Over-the-air firmware upgrade
- Supports SMS, TCP, UDP, UDP/ACK, FTP
- 3-Axis Accelerometer and Motion Detector
- Internal Temperature Sensor
- 10.6 Ah Backup Battery
- 16Mb Flash Memory
- Optional Bluetooth® , ZigBee® and IO Config. with embedded Antennas

## Technical Specifications

### Physical

**Dimensions:** 8.45 x 4.73 x 1.06"  
**Weight:** 24 oz  
**Case Material:** PC+PBT, IP67 rated

### Environmental

**Operating Temperature Charge:** -20° to +60° C  
**Discharge:** -40°C to +70°C  
**Battery Life Cycle:** >4000

### Power Requirement

**DC Power:** 8-24VDC input (from up to two independent input sources)  
**Internal Battery:** 10.6 Ah Li-Ion battery  
**Average Idle Current (Battery):** 120mA typ.  
**Sleep Current (Battery):** 140uA typ.  
**Solar Charge Current:** 150mA typ.

### Interface

**Harness Connector:** 8-pin circular bayonet  
**Serial Interface:** RS232  
**Optional I/O:** 1 digital input, 1 digital output  
2 ADC inputs  
**Multi-Function ON/OFF:** Sleep/wake/ZGB/BLE pairing



[www.rastrac.com](http://www.rastrac.com)

[sales@rastrac.com](mailto:sales@rastrac.com)

(877) 680-1188