

# TTU-2830

The TTU-2830 weatherproof tracking product is designed for reliable, long-term deployments. The TTU-2830's rechargeable battery pack makes it an ideal solution for managing assets that are normally tethered to 12 or 24 volt systems but may sit disconnected for periods of time. It features a small size, superior GPS performance, an internal 5.2 Ah battery, LTE Cat 1, and three inputs, three outputs (I/O).



## Key Features

- LTE Cat-1 connectivity
- 6 months with single message cycle per day on fully charged battery pack
- IP-66 sealed enclosure
- High sensitivity GPS
- 3-axis precision accelerometer for driver behavior and impact detection
- 1 external ADC
- 12/24 volt operation
- 3 Inputs / 3 Outputs
- 1-Wire interface for driver ID, temperature sensors, and more
- Serial interface
- 20,000 buffered messages
- Over-the-air configuration and firmware updates

## Technical Specifications

### Physical

**Dimensions:** 4.5 x 3.2 x 1.6"  
**Weight:** 8.11 oz

### Connectors/SIM Access

**Power, I/O:** 12 wire captive harness  
**SIM Access:** Internal (2FF SIM)

### Battery Pack

**Battery Capacity:** Up to 5200 mAh  
**Battery Technology:** Lithium-Ion

### Environmental

**Temperature:** -30° to +60° C  
**Humidity:** 95% RH @ 50° C non-condensing  
**Shock and Vibration:** U.S. Military Standards 202G, SAEJ1455

### Embedded Intelligence Engine

**PEG:** Update device functionality or develop new on the edge applications

### Data Support

SMS, UDP Packet Data, TCP



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