

# ATU-1300™

## LTE CAT- M1

Cal/Amp®

Compact and ultra-rugged battery-powered GPS asset tracker featuring 5 years battery life



### Dimensions

4.01" x 1.98" x 1.53"  
101.8 mm x 50.2 mm x 39 mm

### Weight

157 g (5.5 oz)

### Cloud Native Platform

CalAmp Telematics Cloud allows you to connect remote assets to a diverse set of vertical applications and third-party services to scale your fleet and power data-driven operations.

### Powerful Applications

CalAmp's enterprise-grade applications allow you to visualize the data you need and extract maximum value while minimizing your costs. Put intelligent analytics and custom reporting at your fingertips via a single-view, user-friendly interface.

[calamp.com](http://calamp.com)

## Connectivity Technology

Integration-Ready  
Scalable  
Secure



### "Deploy Once" Battery Life

Up to 5 years battery life at once-daily location updates



### Maintenance-Free Devices

Set it and forget it, no ongoing service required



### Adaptive Tracking

Periodic or optional movement-based tracking - tracks assets throughout the day and/or when movement occurs, entering sleep mode when inactive to conserve power and data usage



### Battery Life Alerts

"Battery Low" and "Battery Critical" alerts



### Ultra-Rugged

IP67 rated housing ensures the device can withstand fine dust and submersion in water (1 meter/30 minutes)

# ATU-1300™ LTE CAT-M1 | Engineered to Outperform

Cellular/Network	
Global Variant	
LTE CAT-M1	2100 (B1)/1900 (B2/B25)/1800 (B3)AWS 1700 (B4/B66)/850(B5/B26)/900 (B8)/700 (B12/B13/ B28/B85)/800 (B18/B19/B20/B27) MHz
GSM/GPRS	850/900/1800/1900 MHz

Data Support
SMS, UDP Packet Data

Satellite Location (GNSS)	
Constellation Support	GPS/GLONASS/BeiDou/Galileo/QZSS
Tracking Sensitivity	-157 dBm
Acquisition Sensitivity	-157 dBm (hot start) -146 dBm (cold start)
Location Accuracy	<2.5 CEP open sky

Cloud/Software Services <sup>1</sup>	
CalAmp Telematics Cloud	Device data stream via RESTful APIs
CalAmp Fleet	Fleet management software

Edge Intelligence <sup>1</sup>	
PEG™	Behavioral scripting (PEG2 on RTOS)
Geo-Fences	32 built-in
Buffered Messages	20,000

Certifications	
Industry Certifications	FCC, IC, CE, PTCRB, RoHS

Electrical	
Power Consumption	One report per day: 1825 days, typ.

Battery Pack	
Battery Capacity	1500 mAh
Battery Technology	Four CR123A Lithium + Manganese batteries

Environmental	
Temperature	-20° to +60° C
Humidity	65+/-20% RH @ 50° C non-condensing
Shock and Vibration	U.S. Military Standards 202G, 810F, SAE J1455
ESD	IEC 62368
Ingress Protection Rating	IP67

Physical/Design	
Dimensions	4.01" x 1.98" x 1.53" 101.8 mm x 50.2 mm (measured at sim door) x 39 mm (measured at knobbed feet)
Weight	157 g (5.5 oz)

Connectors/SIM Access	
GPS Antenna	Internal
Cellular Antenna	Internal
SIM Access	Internal (4FF SIM)
Accessories	Optional "ATU-1300 Mounting Bracket" Sold Separately

For full tech specs visit [calamp.com](https://calamp.com)

<sup>1</sup> Subscription service required. Contact sales rep for additional details.

