

ATU-1300™

LTE CAT- M1

Cal/Amp®

Compact and ruggedized 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.

Connectivity Technology

Integration-Ready • Scalable • Secure



Maintenance-Free Technology

One-time deployment, no ongoing service required



Rugged and Resilient Design

Deploy devices built to withstand fine dust particles and submersion in one meter of water for up to 30 minutes



Responsive Asset Tracking

Gain accurate and powerful movement-based asset tracking built with your data and performance needs in mind



Battery Status Notifications

Optimize battery health and device service scheduling with reliable notifications



Device Life Optimization

Ensure long-term installations with up to 5 years battery life at once-daily location updates

ATU-1300™ LTE CAT-M1 | Compact. Dependable. Innovative.

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 ¹	
CalAmp Telematics Cloud	Device data stream via RESTful APIs
CalAmp Fleet	Fleet management software

Edge Intelligence ¹	
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

¹ Subscription service required. Contact sales rep for additional details.

