



BAT50 Battery Asset Tracker

The BAT50 is an asset-tracking device designed to provide the user with a once daily locate. It does not function on any of the Vehiclepath continuous-tracking rate plans.

The unit is specifically engineered to report every 24 hours and then go back to sleep, enabling this self-contained battery-powered device to last a minimum of 1-year on a single battery.

The BAT50 can be affixed to any asset to provide intelligent monitoring of non-powered mobile and fixed assets. Like all Vehiclepath products, it can be a part of a universal solution, mixed with our continuous-tracking devices and visible utilizing the same web-based software. The device communicates using the AT&T Wireless GPRS data network.

The BAT50 is water-resistant pursuant to the IP-66 code rating, which specifies that the device is protected against dust and high-pressure water jets. Because it is designed to be exposed to the environment, the GPS and cellular antennas are completely integrated.

Target Markets:

- Agriculture
- Construction
- Trailer and outdoor-sign companies

Product Differentiators:

- Completely-self contained
- Easy to install
- Daily updates
- Very inexpensive service plan



- Internal battery life guaranteed for 1-year
- Fully integrated—no need for external antenna or power source
- Water-resistant—protected against high-pressure water jets
- Also supported by our optional 3-year extended warranty (excluding battery)
- Reports location every 24 hours



BAT50 Spec Sheet

Physical Specs

Size:	5.77" L x 2.48" W x .80" H
Weight:	5.9 oz.

GPS Functionality

Channels	12
Sensitivity	
Monitoring	-159 dBm (typical)
Reacquisition	-158 dBm (typical)
Cold start	-145 dBm (typical)

Environmental Specs

Temp	
Operating:	-30°C to +85°C
Compliant:	-20°C to +60°C
Storage:	-40°C to +85°C
IP rating:	IP66

Wireless Specs

Frequency:	GSM Dual-band (850/1900 MHz)
Sensitivity:	- 108 dBm (typical)
Transmit power:	Class 4 (2W@850 MHz) Class 1 (1W@1900 MHz)

Power

	Mode	Avg
System	Idle	< 5µA
GPS	Average acquisition	< 80mA
	Monitoring	< 20mA
GSM 850	1TX/1RX	190mA
GSM 1900	1TX/1RX	170mA

Battery

Chemistry	Lithium-Thionyl Chloride
Capacity	4200 mAh @ RT



Vehiclepath
11120 Roselle Street
San Diego, CA 92121
877-299-6544
info@vehiclepath.com
www.vehiclepath.com