



PRODUCT DESCRIPTION

AT312 EQ

Asset Tracking Device

The AT312 EQ is part of the VehiclePath tracking line. While the device requires a power source, it does contain an internal back-up battery.

This unit has been specifically designed and engineered to update on a daily basis or manual locate. It will automatically generate unauthorized movement alerts if an automatically generated perimeter fence is broken. The device will continue to provide an unauthorized movement alert every 30 minutes until stationary. Once stationary, the device creates its own circular perimeter fence, one mile in diameter.

The AT312 EQ can be installed on any asset that contains a 12- or 24-volt power source. The device is built to withstand harsh environments and can function in up to 39 inches (1 meter) of water. Its cellular and GPS antennas are completely integrated. The AT312 EQ is supported by our optional 2- and 3-year extended manufacturer's warranty.

TARGET MARKETS:

- Construction equipment rentals

PRODUCT DIFFERENTIATORS:

- Continuous tracking device
- Internal battery back up
- Low monthly rate



OVERVIEW:

- Low power consumption (1mA in sleep mode)
- Monitors engine hours
- Voltage monitoring and low-battery notification
- Over-the-air firmware upgrade capability
- Unauthorized Movement Alert
- Disconnect Alerts
- GSM Quad-band (800/900/1800/1900 MHz)



PRODUCT SPECIFICATIONS

AT312 EQ

Asset Tracking Device



PHYSICAL SPECIFICATIONS

Size:	4.87" L x 3.5" W x 1.25" H
Weight:	5.6 oz. / 158.76 grams

ENVIRONMENTAL SPECIFICATIONS

Temperature

Operating:	-30° to 60° C / -22° to 140° F
Storage:	-40° to +75° C / -40° to 167° F

WIRELESS SPECIFICATIONS

Wireless:	GSM Quad band (850/900/1800/1900 MHz)
Regulatory Approvals:	FCC / IC, PTCRB

GENERAL SPECIFICATIONS

Input Voltage:	+8 to +30 VDC
Power consumption:	<ul style="list-style-type: none">➤ 1 mA @ 13.8v in sleep mode➤ 35 mA @ 13.8v when running, or when vibration is sensed➤ 550 mA @ 13.8v when transferring and receiving data (burst)
Inputs:	<ul style="list-style-type: none">➤ 1 Biased Low (Input 1)
Antenna Connections	
Cellular:	Internal
GPS:	Internal
LEDs	
Orange Solid	Communication established with cellular network
Orange Flash	Looking for cellular network
Green Solid	Good GPS signal
Green Flash	Looking for GPS satellites
Red Solid	Connected to continuous power source