

AT282-LP User Guide

The AT282-LP is an asset tracker with internal GSM/GPS antenna and internal back-up battery. This unit has ignition sense. There are no outputs for this unit.

Dimensions:

Length: 4.87 inches
Width: 3.5 inches
Height: 1.25 inches
Weight: 5.6 Oz

Specifications:

Temperature:

Operating: -30c to 60c

Storage: -40c to 75c

Water Resistance:

The AT282 is waterproof

Input Voltage:

+8 to +30 VDC

Power Consumption:

1mA @ 13.8v in sleep mode, 35mA @ 13.8v when running, 550mA @ 13.8v when transferring/receiving data

Tracker Features:

Auto Locate – this unit will report an Auto Locate prior to entering sleep mode or every 24 hours if there has been no movement. The unit will enter sleep mode when there is no movement for 2 hours. The unit will wake up with movement/motion or when the ignition or input is sensed.

Auto Geofence – the asset tracker will report an Unauthorized Movement Alert to the mapping interface if the tracking unit moves outside a ½ mile radius (If the end user would like to receive an SMS Unauthorized Movement Alert to a cell phone, this must be setup separately in the mapping interface). The Auto Geofence will reset every 30 minutes. For example if the asset moves 1.5 miles over a period of 20 minutes the first unauthorized movement will generate after the asset has moved beyond the 1 mile radius and a follow up unauthorized movement event will occur 30 minutes after the first unauthorized movement event.

Low Battery Message - The low battery message will trigger at 11.0v (or 21.0v)

If the asset tracker is disconnected from power the tracker will generate a disconnect alert. When it is reconnected to power a power reconnect alert will be generated. When the unit is not connected to power (operating under back-up battery power) the unit will not sense the ignition or input.

The internal battery of the asset tracker will generally provide service for approximately 4 hours of continuous movement or 4 days if the unit is stationary. As an example, a tracker running on the internal battery will last for two days if the tracker moves 2 hours each day.

When the tracker is in sleep mode, the tracker will have reported the last known location to the mapping interface. The tracker will wake up when it senses motion or the ignition or input is triggered, at which time a request for location position can be acknowledged by the tracker. When in sleep mode the tracker will not acknowledge a location request.

Battery Replacement:

The internal battery recharges automatically, but is NOT user serviceable. If the internal battery fails, the tracker will have to be returned to the factory for battery replacement. The battery and the tracker have the same warranty period.