- Click on command labeled "A – Bulls Eye Position Request". A successful completion of this command will result in a checkmark being displayed and the current time will update in the "Last Comms" section of the asset info box.

- The vehicle icon on the map should now have a red "dot" below it. If it has an exclamation mark ("!"), it means that the device has "invalid" GPS. In this case you will need to move the vehicle outside and issue the Bulls Eye request again.

FAQs

How long does the battery take to charge? How long will it last?
The device takes about 71 hours to charge from a completely discharged state. The length of operation of the device depends on its configuration. The longer the device is able to sleep the more power it saves. The current battery voltage value can be seen on the website inside the Asset Info Box under the "Backup Battery Voltage" section. The voltage on the battery can span from 3.3V to 4.1V, which are the low and high level limits respectively.

Why does my battery take forever to charge?
If you are not seeing a "Backup Battery Voltage" of 3.9V or 4.0V after 71 hours of charging, you may need to check if you are indeed charging the battery correctly. There are two ways to charge the device. The solar panel charging is highly dependent on its quality of sun exposure. If an external power source is available you can charge the device via the optional cable harness. If the device is turned on and operating normally it can take longer to reach a full charge or may never fully charge if always being used.

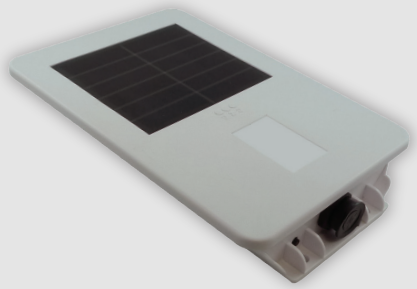
Does this device require any physical maintenance?
A routine spray wash of the solar panel can be administered to clean any grease, grime, or dirt from the solar panel. These contaminants may degrade the solar panel performance over time. In most situations if the device is mounted with the solar panel directly facing the sky, rain may be enough to keep the panel clean.

Why isn't this device showing its current location?
The most common reason is that the device doesn't have enough power to operate. If your device does not have the blue LED and green LED blinking on while awake, then it needs to be recharged. Another reason could be that the device is inside a building or in an area where there is either no cellular or GPS signal available. In this instance, move the device so it has a clear view of the sky.

AUTOCONNECT

QUICK INSTALL GUIDE

AC1SPSOLAR



12V ONLY!

CERTIFIED TRACKING SOLUTIONS

MUST BE TESTED!

CALL TO TEST GPS TRACKING DEVICE BEFORE CLOSING UP THE DASH
FAILURE TO FOLLOW THESE INSTRUCTIONS MAY DAMAGE EQUIPMENT AND VOID ITS WARRANTY

1.855.287.4477

8AM - 5PM Monday to Friday MT

CERTIFIED TRACKING SOLUTIONS

REV022219

AC1SPSOLAR

1 Determine Mounting Location/Orientation

This unit should be installed with solar panel facing directly towards the noon sun. At bare minimum have the solar panel no more than 90^0 away from the noon sun.

- Avoid mounting the device where shadows may cast upon the solar panel
- Avoid placing the device directly inside a metal box or directly underneath any object that will block the sky as it may degrade GPS and cellular reception.
- Avoid mounting the device in low locations, dirty greesy or any other place where particles can be introduced by rotating wheels.
- Avoid mounting the device where there is predictable physical harm.

2 Physically Mount the Device

The device is designed to be mounted to an asset using the equipped magnet mounts. These magnets can support a load up to 22 pounds.

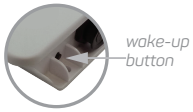
- For other applications the device can be mounted using the two flanges (two holes per) at each end of the housing for screw mounting, or using double sided tape.

3 Connect constant power

The AC1SPSOLAR device has two installation types :.

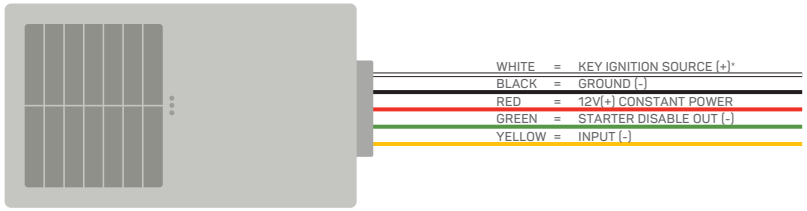
TYPE 1: Without Input Cable | Device is charged solely by the sun

- Step 1: Mount the device as per "Mounting Location/Orientation" and "Physically Mounting the Device" recommendations above
- Step 2: Wake Up the Device – The AC1SPSOLAR device is delivered in "shipment mode". To start the device, hold the black button located near the circular connector on the side panel of the device for 3 seconds.
- Step 3: Proceed to "Testing the Device"



TYPE 2: With Input Cable / This allows for the device to charge via a wired connection and/or the sun. In addition inputs and outputs can be used **INSTALLING STEPS** (device **with** input cable)

- Step 1: Install input cable into the asset using the wiring diagram below. Connect cable to **AC1SPSOLAR.**



*Optional: device can be programmed to see "wired" or "virtual ignition" status depending upon availability in the asset

- Step 2: Mount the device as per "Mounting Location/Orientation" and "Physically Mounting the Device" recommendations above
- Step 3: Wake Up the Device – check Type1: Step2
- Step 3: Proceed to testing the device

4 Confirm LED status

The AC1SPSOLAR device has two installation types :.

OPTIMAL	BLUE	Slow Blinking	Connected to Cellular /Online
	GREEN	Slow Blinking	Valid GPS
NOT OPTIMAL	BLUE	Fast Flashing	Searching for Cellular (several times per second)
	GREEN	Solid	Searching for GPS

If either of these "not optimal" LED states exist we recommend moving the asset outside with a clear view of the sky

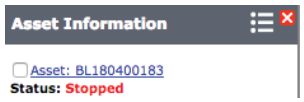
5 Testing IMPORTANT! Follow one of the test procedures below:

Call to test - Call CTS and we will run through our test process to ensure everything is connected and mounted properly.

or

Self Test - Login to view and test the device using the instructions below:

- Click login on autoconnectgps.com and enter your username and password. Successful login will enable you to see the current location of the device on the website.
- Click on device serial # on the left side of the screen. The asset info box will open on the bottom left corner of the screen.



- Click on the "Asset Commands & Controls" icon located at the top of the Asset Info box.