

# Quick Start Guide

**ACC300**

**Amber Covert C300**

GPS Vehicle Tracker

**1**  
Install  
Your device

**2**  
Download  
Amber Connect  
App

**3**  
Activate  
the device



## 1. Accessories

- Device
- Charging cable
- Relay
- User manual

## 2. Specification

Dimension	78.0*41.0*13.0mm
Weight	38g
Voltage Range	7.5-90V
Backup Battery	270mAh/3.7V
Operation Temperature	-20°C to +70 °C
Humidity	20% to 80%
Standby Time	50 hours
GSM Frequencies	850/900/1800/1900 MHz
GPRS	Class 12, TCP/IP
GPS Channel	66
GPS Sensitivity	-165dBm
Acquisition Sensitivity	-148dBm
Position Accuracy	<10m
TTFF (Open sky)	Cold start <45s, Hot start <2s
GSM/GPS Antenna	Built-in design
LED Indicator	GSM-green, GPS-blue, Power-red
Data Transmit	TCP, SMS
Geo-fence	Alarm activated when the vehicle enters or leaves the specified area
Speeding Alarm	Alarm activated when speed goes higher than the pre-set value
Low Power Alarm	Alarm activated when backup battery is running out.
Non-movement Detection	Movement alarm activated by built-in 3D motion sensor
Mileage Report	Track by time/distance interval
Remote engine mobilization/immobitization	Mobilize/immobilize engine

## 3. LED Indications

<b>GPS LED Indicator – RED</b>	
Flashing	Low battery
Slow flashing	Fully charged/ functioning normally
Solid red	Charging
Off	Power off or low battery

<b>GPS LED Indicator – BLUE</b>	
Flashing (interval 0.1s)	Searching for BD/GPS signal
Solid blue	BD/GPS positioned
Off	GPS asleep or off

<b>GPS LED Indicator – GREEN</b>	
Quick Flashing	GSM initializing
Slow flashing	Receiving GSM signal normally
Solid green	Connected to GPRS network
Off	No GSM signal or no SIM card

## 4. Getting Started

Please follow the instructions below to ensure safe and correct use of your device.

Note: Please ensure that there is enough credit on your SIM card. If you will be using the GPRS function, pay attention to the current SIM card GPRS charge.

### 4.1. Switch on

Begin by assembling and setting up your device before its first use.

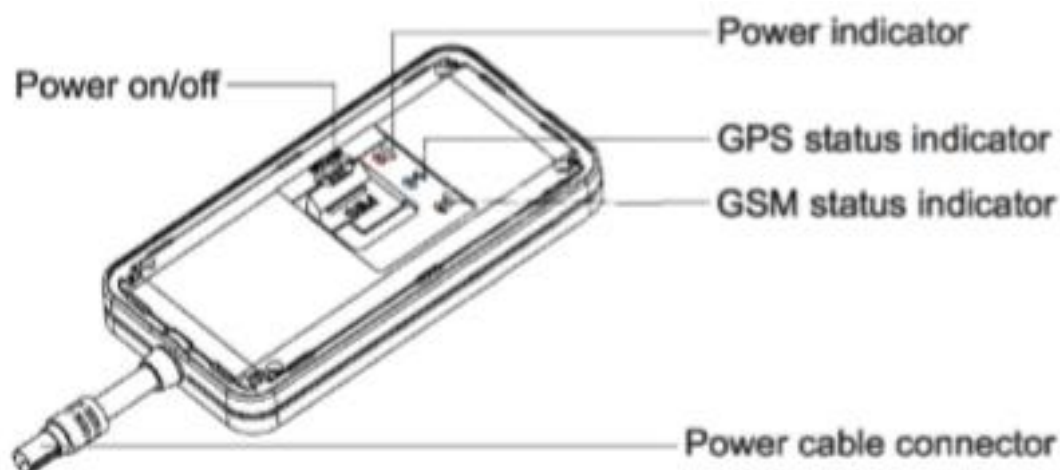
1. Open the SIM card cover.
2. Insert the SIM card.
3. Turn the battery switch to ON.
4. Close the SIM card cover and connect the device to the external power line, which will be used to charge the terminal and built-in battery.

### 4.2. Switch off

1. Toggle the battery switch to OFF.

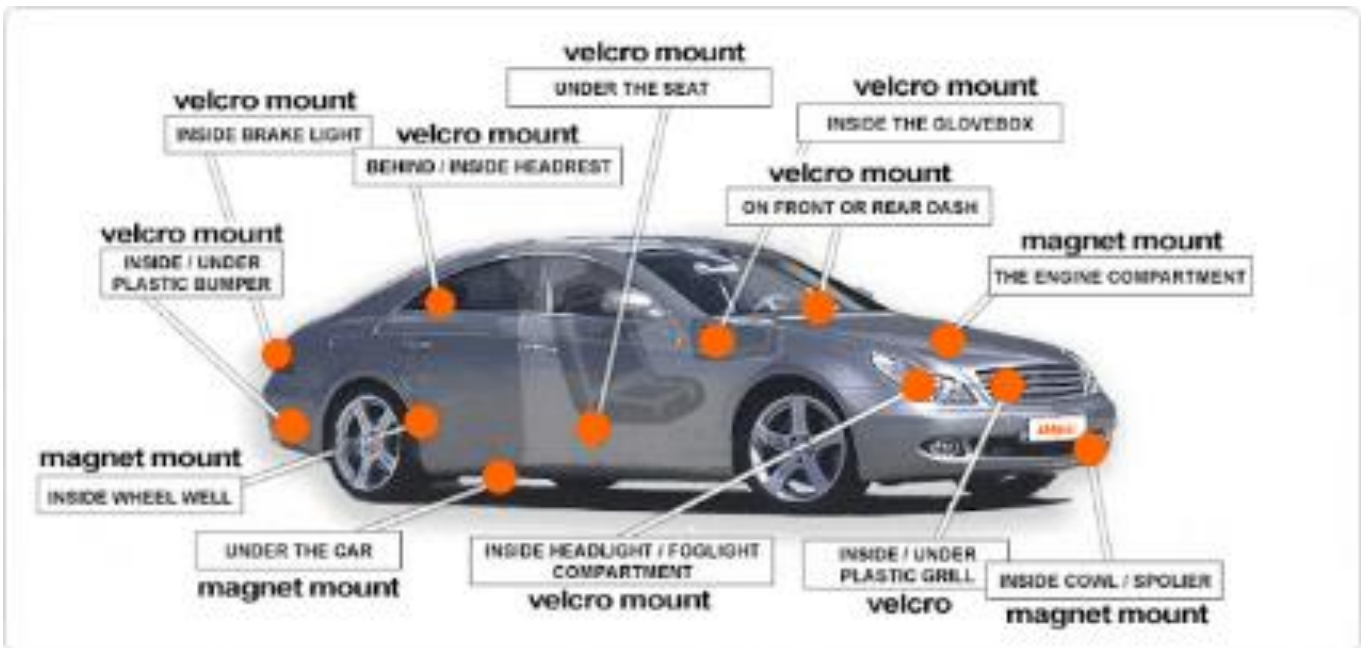
### 4.3. Charge the device

Plug in the device to connect or plug in the charging cable. The charging cable with 2A FUSE for short-circuit over current protection.



#### 4.4. Installing the device

Find a location inside the vehicle where the device will not be found. Your device has a built-in GSM antenna and a GPS antenna. During installation, please ensure that the device is facing up:



- Under the dashboard below the front windshield.
- In the parcel shelf the rear.
- In the front bumper (non-material face), ensure the device does not get wet.
- Under the wiper version (non-metal), ensure the device does not get wet.
- Non covert installation: affix the device to the dashboard below the windshield.

#### 4.5. Device wiring

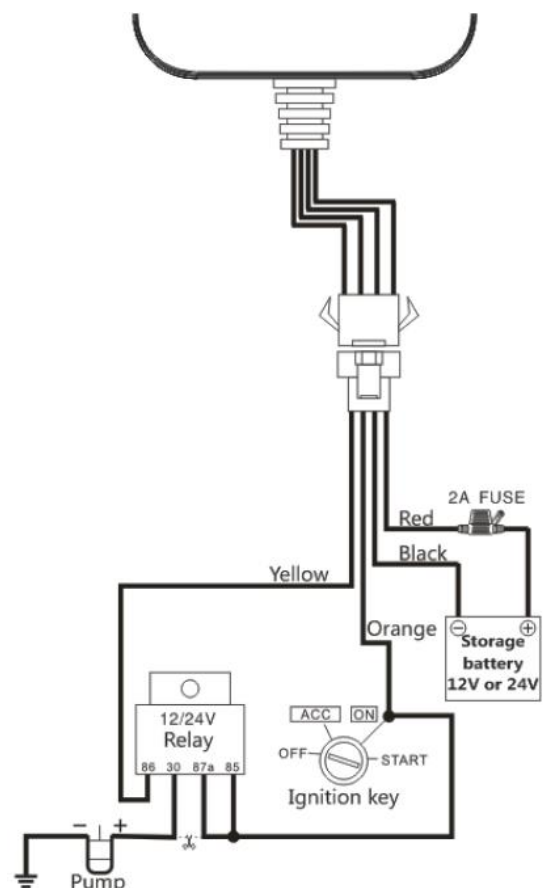
4.5.1. The standard voltage is 9V-90V; the red wire is the positive and the black wire is the negative

4.5.2. Connect the black wire ground.

#### 4.6. Device wiring diagram

Subject to permissible laws in your country.

Play close attention to the diagram description; the battery is 9-90V and the relay remains 12V/ 24V.



#### 4.7. Power/ACC/Tele-cut-off (petrol/electricity) control line (4 pin)

4.7.1. Your device comes with a power cord and is designed to use only manufacturer- specified wiring accessories. The red line is positive while the black is negative (this side should not be connected to the ground wire).

4.7.2. The ACC line (orange) connects to the ACC switch of the vehicle. Please be sure to connect to the ACC line, otherwise the device will not detect ignition status.

4.7.3. Engine immobilization (petrol/electricity) control line (yellow) is connected to pin 86 Tele-cut-off (petrol/electricity) relay (equal to the yellow line of the relay socket)

## 5. Troubleshooting

Problem	Causes	Solutions
Red LED does not work when power is connected	Blown fuse	Replace the fuse
	Wrong installation of SIM card	Check SIM card installation (install SIM card)
Fail to connect to network	Debris on the Sim card's iron surface	Clean SIM card surface
	Nonfunctioning SIM	Contact internet service provides
	Beyond GSM service area	Re-locate to GSM service area
	Bad signal	Re-try in an area with better signal
Fail to charge	The voltage is unsuitable	Connect to power with suitable voltage
	Improper connection	Check connection with charger



Need help? Contact 24/7 live support!

 In App Chat

 [support@amberconnect.com](mailto:support@amberconnect.com)

 Chat via website [www.amberconnect.com](http://www.amberconnect.com)

Works with Android phones and tablets, iPhone, iPad.  
Compatible with Chrome, Mac and PC web browsers.



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