



## **INSTALLATION AND OPERATION MANUAL**

**THE INSTALLER MUST BE EVOLO TRAINED AND REGISTERED  
TO ENABLE THIS PRODUCT TO BE COMMISSIONED,  
OTHERWISE THE WARRANTY IS INVALID**

**THIS MANUAL CONTAINS IMPORTANT INFORMATION MUST BE LEFT WITH THE PROPERTY  
FOR THE BENEFIT OF THE HOME OWNER/OCCUPIER**

Item Code	Description
EVC7001	eDock 7.4kW EV Charge Point
EVC7007	eVoom 7.4kW EV Charge Point

# Contents

<b>INSTALLATION MANUAL</b>	<b>3</b>
1. Overview	4
2. Safety Instructions	5
3. Product Overview	6
4. Packaging Contents List	7
5. Installation	8
6. Commissioning the EV Charge Point	13
7. Trouble Shooting – Commissioning	15
8. Product Specification	16
<b>USER MANUAL</b>	<b>17</b>
1. Overview	17
2. Safety Instructions	17
3. Set up Use	19
4. Charging your EV	24
5. LED Indicators	25
6. Trouble Shooting – User	26
7. Statement of Compliance	27
8. Warranty	27
9. Disclaimer	27

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# INSTALLATION MANUAL

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For new build developments:

Site: \_\_\_\_\_

Plot Number: \_\_\_\_\_

Address: \_\_\_\_\_



Sticker:  
Serial No, QR Code &  
PIN



# 1. Overview

## IMPORTANT

Please read this manual fully before starting the installation, maintaining or operating this unit

<b>Description</b>
<p>The eVolo AC charge point is designed to charge electric vehicles (hereinafter called “EVs”) at your premises.</p> <p>This product can be controlled via an APP and requires an internet connection for general use, software updates etc. If an internet connection is not available from the property, the charge point can be commissioned using a mobile device which is Bluetooth enabled and a mobile data connection, e.g. 4G.</p> <p><b>Intended Use</b></p> <p>The eVolo AC charge point is intended for charging EVs only. It is suitable for both indoor and outdoor use.</p> <p>This product must be commissioned by an eVolo approved installer.</p> <p>The end user should register on the eVolo website by scanning the web QR code on the side of the charge point before being prompted to download the user APP.</p>
<b>Product Features</b>
<ul style="list-style-type: none"><li>• Charge point control, scheduling and energy usage monitoring via APP</li><li>• Charge point control via RFID (EVC7007 eVoom model only)*</li><li>• LED indicators</li><li>• PEN fault detection and isolation</li><li>• Ethernet or Wi-Fi connectivity</li><li>• Bluetooth connectivity for commissioning</li><li>• RS485 connectivity for load management</li></ul> <p>* RFID feature can be enabled for the EVC7001 eDock model via the eVolo website</p>

## 2. Safety Instructions

### Safety Instructions

The images and illustrations depicted in this manual may differ slightly from the actual product.

- Read and follow all warnings and instructions before installing and operating the charge point.
- Isolate the electrical supply before commencing the installation.
- Installation must be carried out by a qualified electrician ensuring the installation complies with the current edition of the IET wiring regulations - BS 7671.
- This equipment must be earthed through a permanent wiring system.
- Do not install or use this equipment near flammable, explosive, harsh or combustible materials, chemicals or vapors.
- Children should be supervised when around this equipment.
- Do not insert fingers or foreign objects into the EV connector.
- Do not use the equipment if any flexible power cord or EV cable is frayed, broken or otherwise damaged, or fails to operate.
- Use copper conductors only.
- Do not operate the equipment outside its operating temperature range of -30 to 50 °C.
- Incorrect installation and testing of the equipment could potentially damage the vehicle's battery, components, and/or the equipment itself.
- Handle the equipment with care during transportation and installation. The mounting base must be installed on a flat surface and not twisted; do not use excessive force to pull when connecting the charge point to the base; do not step on the equipment, to prevent damage to it or any components.
- If using the eVolo/Autel Charge APP to control your charge points at a single site, all charge points must be the same make.

**WARNING** Remove the charge point before installation resistance testing

**WARNING** This device is intended only for charging vehicles

**CAUTION** To avoid a risk of fire or electric shock, this product must be installed and connected to a permanent fixed installation. Ventilation not required during charging.

**CAUTION** The cable between the charge point and the EV should not be extended

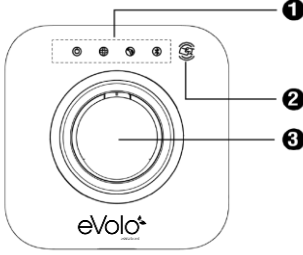
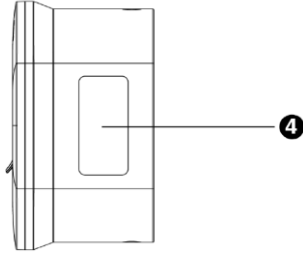
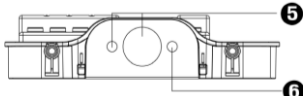
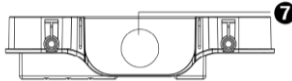
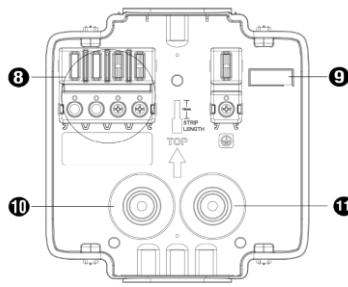
**CAUTION** Risk of electric shock. Do not remove cover or attempt to open the enclosure. No user serviceable parts inside. Refer servicing to qualified service personnel.




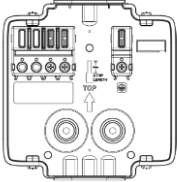
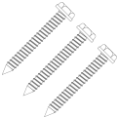

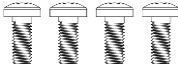


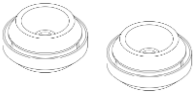
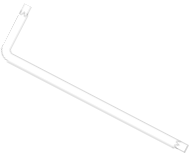
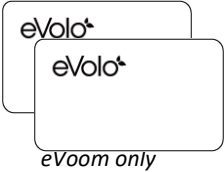
**DANGER**

If you use the equipment in any other way than described in this manual or other related documents, possible death, injury and damage to property can occur. For use with and for charging Electric Vehicles only. Use the equipment only as intended.

### 3. Product Overview

Features	
<p>Front View</p> 	<p>1. LED Indicators (from left to right):</p> <ul style="list-style-type: none"> <li>• Power LED</li> <li>• Internet Connection LED</li> <li>• Charging LED</li> <li>• Bluetooth Connection LED</li> </ul> <p>2. RFID icon (EVC7007 eVoom only)</p> <p>3. Charging Socket</p>
<p>Side View</p> 	<p>4. Product Label – contains eVolo website QR code and unique product QR code required for commissioning and end user setup</p>
<p>Bottom View</p> 	<p>5. Bottom drill out cable entries for power</p> <p>6. Bottom drill out cable entry for data <i>Use middle cable entry for combined power/data cable</i></p>
<p>Top View</p> 	<p>7. Top drill out cable entry for power only</p>
<p>Inside Mounting Base</p> 	<p>8. Wiring terminals – Live and Neutral</p> <p>9. Built in spirit level</p> <p>10. Rear drill out cable entry for power</p> <p>11. Rear drill out cable entry for data</p>

## 4. Packaging Contents List

Parts Included			
Before you begin, ensure all the parts below can be found within the packaging box			
Charge Point		Mounting Base	
5 x 40mm Screws (x3)		8 x 40mm Wall Plugs (x3)	
M5 x 10mm Screw (x4)		Screw bungs (x4)	
M16 Closed Grommet (x2)		M25 Closed Grommet (x2)	
T25 Security Torx Key		RFID card (x2) <i>Supplied and compatible with EVC7007 eVoom model only</i>	
<p>Note:</p> <p>If the top or bottom cable entry points (for power and/or ethernet) are used, suitable waterproof glands are required (not supplied).</p>			

## 5. Installation

### Location of EV Charge Point

- Install your charge point on a flat and vertical surface capable of supporting its weight (the charger has a weight of approximately 2.2kg)
- Position the charger in a location where it is not vulnerable to being damaged
- Cable routing should be considered, e.g. whether supply cables are routed through a wall, or surface mounted
- The charge point can be mounted on a suitable post, with a suitable externally rated supply cable, e.g. SWA
- If using Wi-Fi for communication, signal strength needs to be determined before installation commences
- For a more reliable internet connection, it is recommended that an ethernet cable is routed to the charge point
- Consider the charging point location relative to the vehicle, whether length of the charging cable will sufficiently reach the vehicle's charging port

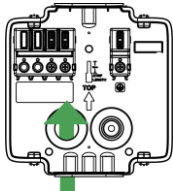
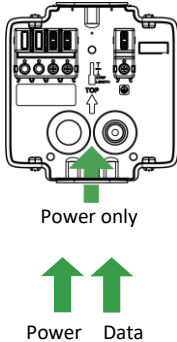
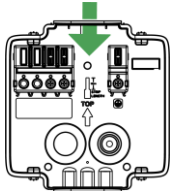
### Cable Entry Options

The mounting base for the charge point has three cable entry options, top, bottom and rear.

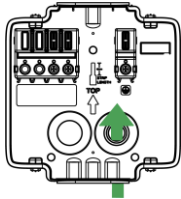
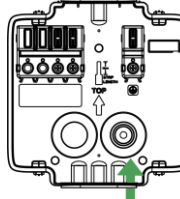
All cable entry positions need to be drilled out; the centre point for the drill bit is marked on the base.

The top cable entry position is for a power cable only.

The bottom middle cable entry position can be used for combined power/data cables.

	Rear	Bottom	Top
Power Cable			

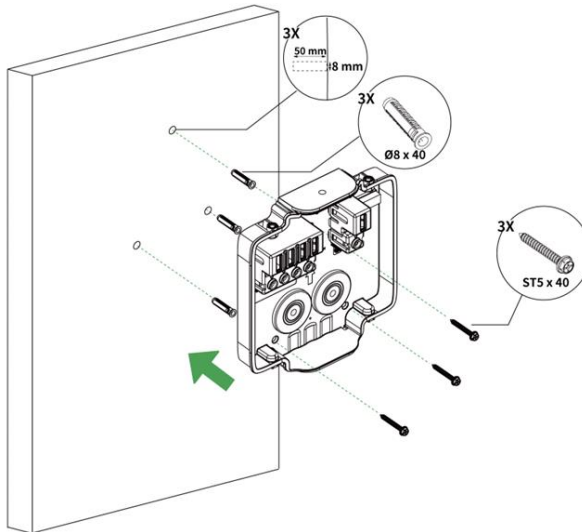


	Rear	Bottom	Top
Data Cable			n/a
	Use grommets supplied	Use suitable cable gland (not supplied)	Use suitable cable gland (not supplied)

### Mounting Base Installation

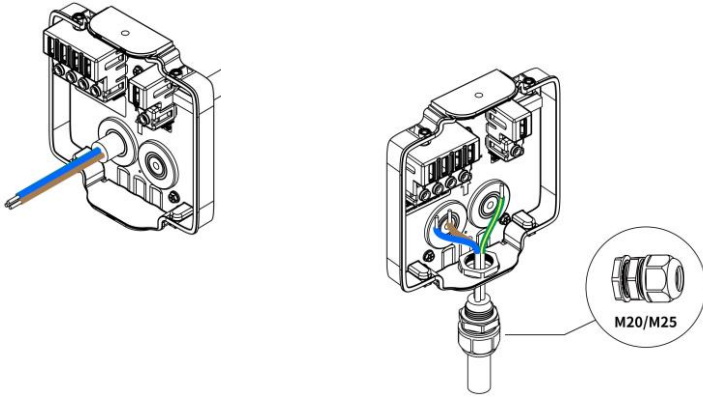
Fix the mounting base in the desired position, noting the correct orientation

- It is recommended that the socket height is 700 – 1000mm (as recommended in PAS1899)
- Drill out the required cable entry position(s) – see above
- Use the 5mm screws and wall plugs supplied to fix to a solid surface  
Wall plugs require an 8mmØ hole x 50mm



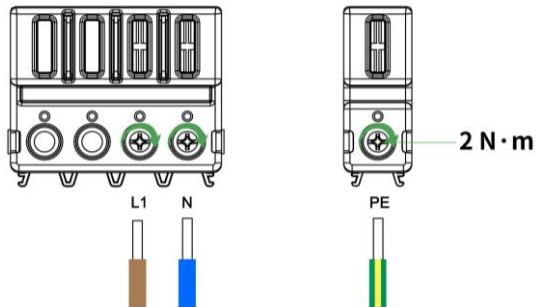
## Wiring

Route the cables into the mounting base, using the glands or grommets (see Cable Entry Options)



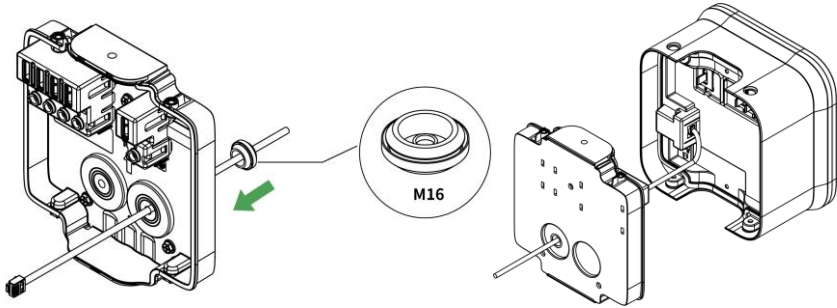
Terminate the power cable

- Strip 13mm of insulation off the conductor
- Terminals should be tightened to 2Nm



### Ethernet Cable

- Insert the Ethernet cable through the M16 grommet from the rear.
- Connect the Ethernet cable to the port.



### RS485 Communication

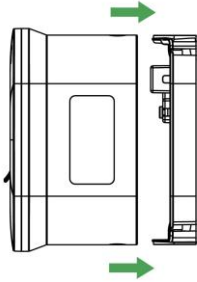
RS485 communication cable, e.g. from an energy meter, CT clamp, is terminated on the rear of the EV charge point, below the RJ45 data connector.

### Electrical Installation Testing

The charge point should be removed from the installation during insulation resistance testing.

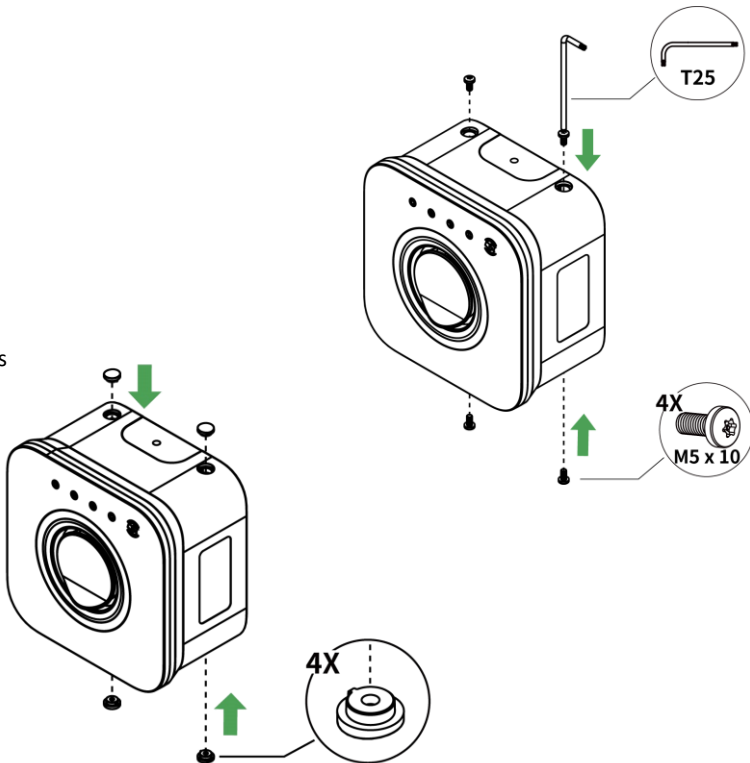
### Attached Charge Point to the Mounting Base

The charge point attaches to the mounting base by pushing it into position, ensuring the contact pins align with the contacts in the base



Use the 4 x M5 fixing screws and Torx Security Key to secure the charge point to the base

Fit the bungs



## 6. Commissioning the EV Charge Point

### Commissioning

The eVolo EV Charge Point must be set up and commissioned by an approved installer.

The charge point should be removed from the installation during insulation resistance testing.

To commission the EV Charge Point, the Autel Config APP must be downloaded via [www.evolo-uk.com](http://www.evolo-uk.com). The APP is password protected.

If an internet connection is not available from the property, the charge point can be commissioned using a Bluetooth enabled mobile device and a mobile data connection.

- When power is initially applied to the charge point, the power LED should illuminate green and will go through a series of self-checks
  - If the charging LED illuminates yellow, the power supply needs to be turned off and on
1. Ensure Bluetooth on the mobile device is enabled
  2. Add and scan the Product ID QR code which is on the rating label on the side of the charge point
  3. If prompted, enter the unique PIN number
    - The PIN can be found on page 3 of this Installation and Operation Manual
    - The Product serial number appears at the top your screen
  4. Set the following by going into each parameter:

Parameter	Action
Wi-Fi Connection	<ul style="list-style-type: none"> <li>• If no internet connection, ignore this parameter</li> <li>• If internet connection is hardwired, ignore this parameter</li> <li>• If internet connection is wireless, select 'Add Network', follow the on screen prompt to add a wireless network</li> <li>• Press Back(&lt;) to return to the parameters menu</li> </ul>
Charger location	<ul style="list-style-type: none"> <li>• Verify the charger location on the map within the APP (assuming location services switched on), and set as required</li> <li>• Select 'OK' to save setting and return to the parameters menu</li> </ul>

Charge Current Limit	<ul style="list-style-type: none"> <li>• Select maximum charging current as determined by the installation/circuit design</li> <li>• Select 'OK' to save settings and return to the parameters menu</li> </ul>
Randomised Delay	<ul style="list-style-type: none"> <li>• This must be set to <b>On</b></li> <li>• Press Back(&lt;) to return to the parameters menu</li> </ul>
Schedule	<ul style="list-style-type: none"> <li>• This must be set to <b>On</b></li> </ul>
Firmware Update	<ul style="list-style-type: none"> <li>• Check firmware is up to date</li> </ul>
OCPP	<ul style="list-style-type: none"> <li>• This defaults to the Autel® cloud.</li> <li>• Do not change without consulting eVolo Technical Support</li> </ul>
APN (applicable to versions with 4G)	<ul style="list-style-type: none"> <li>• This is for entering the Access Point Name for mobile network that the charge point is connected to</li> <li>• Do not change without consulting eVolo Technical Support</li> </ul>
Local DLB	<ul style="list-style-type: none"> <li>• Select: Set as 'Primary Charger'</li> <li>• If more than one eVolo charge point is connected to a network, only one can be set as 'Primary Charger'</li> <li>• If external load management hardware has <u>not</u> been installed, e.g. smart meter, CT clamp, the Smart Meter switch must be set to <b>Off</b></li> <li>• Total Charger Quantity – enter quantity EV Charge Points supplied from the consumer unit, usually set to 1</li> <li>• Maximum Available Power (kW) – set to same figure as entered in Charge Current Limit, if only one charge point connected to the properties supply</li> <li>• Number of Phases – Select Single-phase</li> </ul>
RCD Test	<ul style="list-style-type: none"> <li>• The charge point simulates an earth fault – following on screen instructions</li> </ul>
	Press Back(<) to return to the main menu showing the EV charge point serial number located in the 'Home' tab

9. The charge point should be tested using an EV charge point tester.

After commissioning, the mobile device *must be* unlinked from the EV charge Point by pressing unlink located in the 'Bluetooth connected' field

**Note:** If power to the charge point is lost during commissioning, Bluetooth data connection to the mobile device will be lost and the commissioning APP will disconnect from the charge point.

Once power is restored, please reconnect to the charger by selecting the serial number from the Home tab.

## 7. Trouble Shooting – Commissioning

Item	Problems	Solutions
1	No power	<ul style="list-style-type: none"> <li>• Check the incoming supply to the charger</li> <li>• Check the charge point is connecting the mounting base correctly</li> </ul>
2	No network	<ul style="list-style-type: none"> <li>• Check the RJ45 connector is fully inserted</li> <li>• Check the network cable continuity</li> <li>• Check the network settings</li> </ul>
3	No Wi-Fi connection	<ul style="list-style-type: none"> <li>• Check the network frequency is 2.4GHz</li> <li>• Check the Wi-Fi signal strength</li> <li>• Check the network security settings</li> <li>• Reboot the Wi-Fi router</li> </ul>
4	No Bluetooth connection	<ul style="list-style-type: none"> <li>• Make sure the Bluetooth is enabled on your mobile device and the charger is powered on and operating properly</li> <li>• ‘Forget’ the charger in the Bluetooth settings on your mobile device and pair the charger to your device via Bluetooth again</li> <li>• If the problem persists, contact customer support</li> </ul>
5	Unable to register charge point	<ul style="list-style-type: none"> <li>• Check whether the QR code on the charger is consistent with the QR code on the Installation &amp; User Manual</li> <li>• If so, make sure the Bluetooth is enabled on your mobile device; if not, contact customer support</li> </ul>
6	Earth fault	<ul style="list-style-type: none"> <li>• Make sure the charger is earthed correctly</li> </ul>

See FAQs within the Autel® Charge APP for full list

## 8. Product Specification

Specification	
AC Charging Output	Maximum 7.4 kW
Input supply	230V AC 50 Hz 32A single phase
Input terminals	Live/L1, Neutral/N, Protective Earth/PE
Earthing systems	TNC-S or TT
Connector Type	Untethered Type 2 Socket
Indications	4 LEDs multicolored
Metering	Built in meter IC $\pm 2\%$ (accuracy)
Integrated RCD	AC 30mA + DC 6 mA
Protection	<ul style="list-style-type: none"> <li>• Overcurrent</li> <li>• PEN fault detection and isolation</li> <li>• Integrated surge protection</li> </ul>
Connectivity	<ul style="list-style-type: none"> <li>• Ethernet (RJ45)</li> <li>• Bluetooth</li> <li>• Wi-Fi (2.4GHz)</li> <li>• RS485</li> </ul>
Communication Protocols	OCPP 1.6J
Mounting	Wall-mounted or floor using an optional pedestal
Enclosure Ratings	IP54, IK10, indoor or outdoor installation
Operating Temperature	-30 to +50°C
Storage Temperature	-40 to +70°C
Safety and Compliance	<ul style="list-style-type: none"> <li>• BS IEC/EN 61851-1</li> <li>• BS EN 62196-1</li> <li>• BS EN 61008-1</li> <li>• BS IEC 62955</li> <li>• The Electric Vehicles (Smart Charge Points) Regulations 2021</li> </ul>
Codes and Standards	UKCA, CE (TUV)
Load management	<ul style="list-style-type: none"> <li>• The maximum charging current can be set within the commissioning APP</li> <li>• Additional hardware, e.g. MID energy meter, can be used to manage the current to the EV depending on the available supply at a point in time</li> </ul>



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# USER MANUAL

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## 1. Overview

### Description

The eVolo AC charge point is designed to charge electric vehicles (hereinafter called EVs) at your property.

Your eVolo EV charge point is a connected product (as required by the Smart Regulations) and requires an internet connection.

The charge point operates via a smart phone APP which is available for multiple users to download and use.

### Intended Use

The eVolo AC charge point is intended for charging EVs only. It is suitable for both indoor and outdoor use.

This product must be installed commissioned by an eVolo approved installer.

## 2. Safety Instructions

### Safety Instructions

#### CAUTION – Operation

During the charge session the plug is locked into the charge point, do not disconnect the charging handle. There is a risk of damage to the cradle of the charge point.

Stop charging before disconnecting the plug.

## Safety Instructions

### NOTE

The images and illustrations depicted in this manual may differ slightly from the actual product.

- Read and follow all warnings and instructions before installing and operating the charger.
- Children should be supervised when around this equipment.
- Do not insert fingers or foreign objects into the electric vehicle connector.
- Do not use the equipment if any flexible power cord or EV cable is frayed, broken or otherwise damaged, or fails to operate.
- Do not operate the equipment outside its operating temperature range of -30 to 50 °C.
- Handle the equipment with care during transportation and installation. The mounting base must be installed on a flat surface and not twisted; do not use excessive force to pull when connecting the charge point to the base; do not step on the equipment, to prevent damage to it or any components.
- For use with and for charging Electric Vehicles only.
- If using the eVolo/Autel Charge APP to control your charge points at a single site, all charge points must be the same make.



**WARNING** This device is intended only for charging vehicles.

**CAUTION** To avoid a risk of fire or electric shock, this product must be installed and connected to a permanent fixed installation. Ventilation not required during charging.

**CAUTION** The cable between the charge point and the EV should not be extended

**CAUTION** Risk of electric shock. Do not remove cover or attempt to open the enclosure. No user serviceable parts inside. Refer servicing to qualified service personnel.



### DANGER

If you use the equipment in any other way than described in this manual or other related documents, possible death, injury and damage to property can occur. For use with and for charging Electric Vehicles only. Use the equipment only as intended.



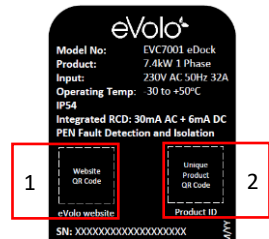
### CAUTION

Use of the EV charge point may affect the operation of or impair any medical or implantable electronic devices, such as an implantable cardiac pacemaker or an implantable cardiovascular defibrillator. Before using the EV charge point, check with your electronic device manufacturer regarding the effects that charging an EV may have on such electronic devices.

### 3. User Setup

#### Step 1

Scan the website QR code on the side of the charge point (marked 1 in the diagram) or visit [www.evolo-uk.com](http://www.evolo-uk.com) to register your charger and activate your warranty



#### Step 2

After registering your charge point, follow the link on the eVolo website to download the Autel® Charge APP

#### Step 3

After downloading and opening the Autel® Charge APP, follow the instructions below to create an account, by selecting Register

1. Use a valid email address or mobile phone number
2. A verification code will be sent to the email address or mobile phone number used
3. Enter this code when prompted to complete registration

#### Step 4

- Add the Charge Point to the APP by selecting the 'Charger' option under the 'Me' tab
- Select 'Add' to pair the charge point
- Scan the Product ID QR code. The product ID QR code and pin code details can be found on page 3 in this manual. The Product ID QR code can also be located on the side of the charge point (2).

#### Step 5

- Link the charge point to your mobile device using the Bluetooth connection  
Select 'Connect via Bluetooth'

#### Step 6

Connect the charge point to the internet

- If the charge point is connected to the internet using a cable to your router, the network details will appear under 'Current Network' – no further action required  
Select 'Skip' to exit the Wi-Fi Connection page

*To setup a Wi-Fi internet connection*

- Select the required Wi-Fi network that appears on the screen
- Enter the correct Wi-Fi password and select 'OK' to save the Wi-Fi connection into the charge point

## Step 7

The Charger Point Settings can be reviewed and changed in the following menu

- Select the '**Me**' tab

Setting	Action
Personal Information (optional)	<ul style="list-style-type: none"><li>• Click on the image icon</li><li>• Your picture can be added</li><li>• Your phone number and email address will appear</li><li>• Your name can be added</li><li>• Your password can be changed</li><li>• Your account can be deleted, e.g. if you move home</li></ul>
Charger	<ul style="list-style-type: none"><li>• View charge point settings and user setup</li></ul>
Charger Name	The serial number of the charge point will appear here by default <ul style="list-style-type: none"><li>• Tap on the charger name to modify it</li><li>• Select 'OK' to save</li></ul>
Charger Location	<ul style="list-style-type: none"><li>• Verify the charger location on the map within the APP (assuming location services switched on), and set as required</li><li>• Select 'OK' to save setting and return to the parameters menu</li></ul>
Wi-Fi Connection	<ul style="list-style-type: none"><li>• Add an available Wi-Fi connection for the charge point</li></ul>
Charge via Card	Add additional eVolo RFID cards or modify the Card Name of existing linked cards
Max Charge Current	This allows you to limit the current used to charge the EV <ul style="list-style-type: none"><li>• Select 'OK' to save settings and return to the Charger menu</li></ul>
Autostart	This allows the charge point to automatically start charging the car as soon as the charging cable is plugged into the EV <ul style="list-style-type: none"><li>• Select the switch to enable this feature</li><li>• If this is enabled, the charging has to be 'Stopped' manually so the plug can be removed</li></ul>
Set Price	This feature is used to manually track the cost of the electricity (£/kWh) charged by the energy supplier <ul style="list-style-type: none"><li>• Turn <b>On</b> the switch for Average price (£/kWh)</li><li>• Enter your electricity kWh cost and select 'OK' to save the setting</li></ul>
Schedule	Schedule is used to set the start and stop charging times. Default setting: <b>On</b> <ul style="list-style-type: none"><li>• Times can be set or this feature can be turned off</li><li>• Press Back(&lt;) to return to the parameters menu</li></ul>

Randomised Delay	<p>The Charge Point Regulations requires that this product has a randomised time delay to start charging. The charge point must be able to automatically delay charging up to 10mins from either manually starting or scheduled start time</p> <ul style="list-style-type: none"> <li>• Default setting: <b>On</b></li> <li>• Press Back(&lt;) to return to the parameters menu</li> </ul>
Home Charger Sharing (Primary User only)	<p>This feature allows you to setup your charger as a public commercial charger and bill users</p> <ul style="list-style-type: none"> <li>• This charger is configured for private use</li> </ul>
Share with Family (Primary User only)	<p>This feature allows for additional family members to use the charge point</p> <ul style="list-style-type: none"> <li>• Select Share with Family</li> <li>• Select Invite</li> <li>• Enter the Email or Phone number used by the family member</li> <li>• Select the Invite button</li> <li>• The family member will received an invite via their system messages which they must accept for the charge point</li> </ul>
Charger Info	<p>This feature lists details for the charge point covering the unique serial number and PIN code The software version of the charge point is stated in 'Charge Control Module'</p>
Firmware Update	<p>The charge point will check for the latest firmware and automatically update</p> <ul style="list-style-type: none"> <li>• It is recommended that the Automatic update switch remains <b>On</b> to ensure the charger has the latest up to date firmware installed</li> </ul>
Reboot Charger	<p>This feature is used to perform a reboot by turning the charger off and then on</p> <ul style="list-style-type: none"> <li>• Select 'Reboot Charger'</li> <li>• Select 'Reboot'</li> </ul>
Factory Reset	<p>This feature will erase all setting stored within the charger to factory default including those commissioned by the installer</p> <ul style="list-style-type: none"> <li>• Do not select this without consulting technical support</li> </ul>
Installation Mode (Primary User only)	<p>This feature is only recommended to be accessed by an eVolo approved installer</p> <ul style="list-style-type: none"> <li>• Do not select this without consulting technical support</li> </ul>
Unlink	Removes the charge point from your account
Press Back(<) to return to the Me menu	

### **Charge Card**

The feature allows additional eVolo RFID cards to be added

- Select 'Charge Card'
- Select 'Add'
- Enter the card number printed on the rear of the card or scan it by selecting the scan icon
- The linked cards can be managed and customized within the Charge Card menu

### **My EV / Vehicle**

The feature allows to setup the Make and Model of the EV

- Select 'Vehicle'
- Select 'Add'
- Select the Make, Model and Year
- Enter the following optional parameters:
  - Nominated Battery Capacity, License Plate, DC/Connector Type, DC/Max Power
- Select 'Add'
- Confirm the details before selecting 'OK' to save these settings

### **Payments**

The Autel Charge APP can be set up to allow payment at Autel public charging points

- Details do not need to be entered for the eDock and eVoom for home charging

### **Charge History**

Energy usage for charging your EV can be viewed here

### **FAQ**

Answers to frequently asked questions can be found here

### **Feedback**

Live chat for the Autel® APP support, or contact the eVolo Technical Support

## Settings

User changeable settings include:

- Set: language
- Set: currency
- Set: miles/km
- Clear cache
- Switch notifications '**Off**'
- Logout from the APP: slide switch

## About

- Check for software updates
- Autel® Privacy Policy
- Autel® User Agreement

All system messages/notifications will appear on the message icon presented in the top right of the screen. Select this icon to view all messages.



## 4. Charging Your EV

### Charging Options

Your charge point has different options on how to start charging:

- Using the APP start/stop feature
- Using the Charging Schedule within the APP which allows the user to schedule charging times
- Using the RFID feature (EVC7007 eVoom model only)\*  
\* RFID feature can be enabled for the EVC7001 eDock model via the eVolo website

### How to Charge your EV via APP

#### Start charging

1. Connect the charging cable by inserting the connector in the EV and the plug into the charge point socket
2. Open the Autel® APP and select **Charger** tab
3. Select **Start**

#### Stop charging

1. Open the Autel® APP and select **Charger** tab
2. Select **Stop**  
There may be a few seconds delay before the charge point operates
3. Remove the charging handle from the charger socket outlet and the EV charge port

There may be a few seconds delay before the charge point operates

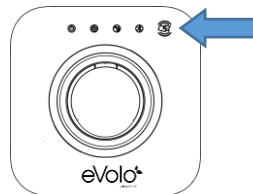
#### NOTE

Ensure your EV is charging. The charging LED on the charger should flash green. If you suspect the vehicle is not charging properly, try reconnecting the charging cable or contact customer support for further assistance.

### How to Charge your EV via RFID Card (EVC 7007 eVoom model only)

#### Start charging

1. Insert the charging cable into the vehicle connector on your EV and the charge point socket outlet
2. Tap RFID card against logo



#### Stop charging

1. Tap RFID card against logo
2. Remove the charging handle from the charger socket outlet and the EV charge port

There may be a few seconds delay before the charge point operates

\* RFID feature can be enabled for the EVC7001 eDock model via the eVolo website.



### How to Charge your EV via Charging Schedule

If you have set up a charging schedule in the Charge app, the charger will initiate a charge session automatically as scheduled. (Scheduled charging case)

#### Points to note when charging

- When the 'Randomized Delay' function is enabled, charging will begin following a delay. The delay will be displayed by the APP upon starting a charge session.
- If the 'Autostart' function is enabled in the Charge app, the charger will automatically start charging once the charging cable is connected. The 'Schedule' overrides this function.

## 5. LED Indicators

LED Description	Description
Power LED	<ul style="list-style-type: none"><li>• <b>Not Illuminated:</b> The charge point is powered off</li><li>• <b>Solid Green:</b> The charge point is powered on</li><li>• <b>Flashing Yellow:</b> Data is being transmitted and/or firmware is upgrading</li><li>• <b>Solid Yellow:</b> Firmware upgrade has failed</li><li>• <b>Solid Blue:</b> Data transmission has failed; will illuminate green in five seconds</li></ul>
Internet Connection LED	<ul style="list-style-type: none"><li>• <b>Not Illuminated:</b> The charge point is not connected to the internet</li><li>• <b>Solid Green:</b> The charge point is connected to the internet</li><li>• <b>Flashing Green:</b> The charge point has joined the DLB (Dynamic Load Balancing) network.</li></ul>
Charging LED	<ul style="list-style-type: none"><li>• <b>Not Illuminated:</b> The charge point is not connected</li><li>• <b>Solid Blue:</b> An EV is connected</li><li>• <b>Flashing Blue:</b> A schedule is active</li><li>• <b>Flashing Green:</b> An EV is charging</li><li>• <b>Solid Green:</b> A charge session has ended</li><li>• <b>Solid Yellow:</b> A recoverable error has occurred</li><li>• <b>Solid Red:</b> An irrecoverable error has occurred or the product is temporarily disabled by the cloud server (please contact technical support)</li></ul>
Bluetooth Connection LED	<ul style="list-style-type: none"><li>• <b>Not Illuminated:</b> The charger is not connected via Bluetooth</li><li>• <b>Flashing Green:</b> The charger is connected to a mobile device via Bluetooth.</li></ul>

## 6. Trouble Shooting – User

	Issue	Resolution
1	The charge session does not start as scheduled	<ul style="list-style-type: none"> <li>Do not insert the connector into your EV charging port before setting up a charging schedule for the first time. Insert the EV charging cable after the schedule is set up.</li> </ul>
2	Power failure	<ul style="list-style-type: none"> <li>Make sure the switch to the circuit breaker is on.</li> </ul>
3	Over-heating	<ul style="list-style-type: none"> <li>Check whether the EV charging cable is securely connected.</li> <li>Ensure the operating temperature is within the specified range on the product label.</li> <li>Stop charging. Restart charging until it is within the operation temperature range.</li> </ul>
4	Residual current detected	<ul style="list-style-type: none"> <li>Unplug the vehicle and plug in again. If the problem persists, contact customer support.</li> </ul>
5	Bluetooth communication failure	<ul style="list-style-type: none"> <li>Make sure the Bluetooth is enabled on your mobile device and the charger is powered on and operating properly.</li> <li>'Forget' the charger in the Bluetooth settings on your mobile device and pair the charger to your device via Bluetooth again.</li> <li>If the problem persists, contact customer support.</li> </ul>
6	Update failure via Bluetooth	<ul style="list-style-type: none"> <li>Make sure the charger is in idle status.</li> <li>Make sure the Bluetooth connection is working properly.</li> <li>If the problem persists, contact customer support.</li> </ul>
7	Internet connection goes down	<ul style="list-style-type: none"> <li>If your internet connection goes down, the charge point can be controlled by the Autel® Charge APP and pairing it using Bluetooth</li> </ul>

## 7. Statement of Compliance

### **Statement of Compliance**

Deta Electrical Company Limited  
declares under its sole responsibility  
that this charge point meets (model number on front cover) meets  
The Electric Vehicles (Smart Charge Points) Regulations 2021  
The software version can be identified on the Autel® Charge APP

*Sign for and on behalf of Deta Electrical Company Limited*

February 2023

## 8. Warranty

Warranty	EVC7001: eDock	2 Years (extendable to 3-years upon registration)*
	EVC7007: eVoom	5 Years

\* To register your eVolo charge point, visit [www.evolo.uk](http://www.evolo.uk). Registration must be within 90 days of the legal completion date and providing the original 2-year warranty remains valid and in date – see Terms of Business eVolo EVCPs for full warranty conditions

eVolo charge points must be installed and commissioned by an eVolo approved installer in accordance with the warranty terms and conditions, else the warranty will be void.

## 9. Disclaimer

All information, specifications and illustrations in this manual are based on the latest information available at the time of printing. eVolo is a brand of Deta Electrical Co. Ltd.

Deta Electrical Company Limited reserves the right to make changes at any time without notice. While information in this manual has been carefully checked for accuracy, no guarantee is given for the completeness and correctness of the contents, including but not limited to the product specifications, functions, and illustrations.

Deta Electrical Company Limited will not be liable for any direct, special, incidental, indirect damages or any economic consequential damages (including the loss of profits).

See [www.evolo.uk](http://www.evolo.uk) for full detail of Terms of Business



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