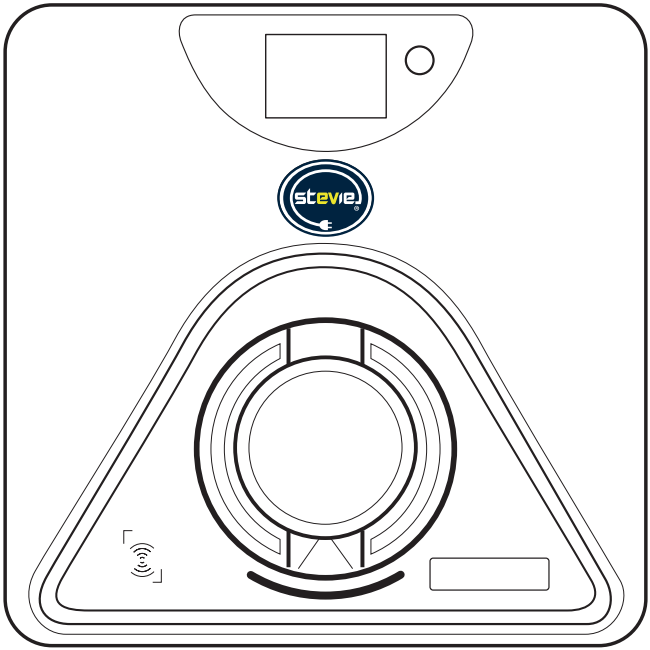
Single-Phase, On-Wall Installation Guide



Models: Stevie 1 & Stevie 1D

WARNING

This unit is only to be installed by a qualified, competent person in accordance with local building and electrical regulations and standards.

The installer and end user must read and fully understand the safety instructions provided in this guide, printed on the device or on our website.
Disregard of, or actions contradictory to the safety information and instructions may lead to one or all of the following:

- Injury or potential death of the installer, operator, or any persons attempting to operate the unit.
- Damage to the unit, vehicle on charge, building and it's electrical systems and the surrounding environment.
- Improper function, operation and damage to the charger.

Failure to follow and adhere to all of the safety precautions, notices, advice and instructions set out in any of our guides will invalidate any warranty or potential claim against JPL EV Ltd and our products.

This Installation Guide is for information purposes only, it is provided as is, and may be subject to change without notice. JPL EV Ltd does not accept liability for the correctness or completeness of the information or illustrations supplied. For the most up-to-date Installation Guide go to our website at ***www.steviechargers.com.*** JPL EV Ltd does not accept any liability or responsibility for your consideration, decision or assessment of the information supplied in this Installation Guide.

February 2024 - Version 1.0
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E&OE

Installation Details

To be completed by the Installer:

Date of installation:

Address of property where Stevie has been installed:

Serial number of installed unit: ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

(Found on the main case under the front fascia cover, back of this guide, and on the label on the outside of the packaging)

Installer Contact Details:

Name of installer:

Installer's mobile telephone number:

Installer's email address:

Installer's company name:

Company contact telephone number:

Stevie Approved Installer number:

Once installation has been carried out, please complete the form on page 41.

The Stevie Charger must be registered on-line within 48 hours of installation to validate the warranty at: ***https://www.steviechargers.com/support/warranty/.*** Failure to register the unit will void the warranty.

Property Owner:

Please keep this Installation Guide safe, you will need to refer to this information in the unlikely event that you have a problem with your Stevie charger.

Help and FAQs can be found at: ***https://www.steviechargers.com/support/faqs/***

Declaration of Conformity

Company: JPL EV Ltd

Address: Units 1 & 2, Church Close Business Park, Church Close,
Todber, Sturminster Newton, Dorset, DT10 1JH. England.

Hereby declare that the products listed below to which this declaration relates, are in conformity with the essential requirements of the Low Voltage Directive 2014/35/EU.

JPL EV Code: Stevie 1 - OWS, Stevie 1 - OWT, Stevie 1D - OWS, Stevie 1D - OWT

The following standards and technical specifications have been applied:

CE and UKCA Verification:

Applied Standard:	**Report Number:**
EN IEC 61851-1 :2019	GZES231202164801

RoHS Verification 2011/65/EU and (EU)2015/863:
Test Report Number: TAOEC2304529301

RoHS Verification 2012 No. 3032 Environmental Protection in United Kingdom
Test Report Number: TAOEC2304529303

EV Charging Compliance: EN IEC61851-1:2019; BS EN IEC61851-1:2019

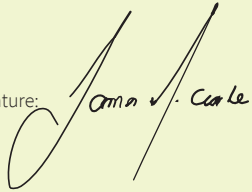
EMC Compliance: EN IEC 61851-21-2: 2021; BS EN IEC 61851-21-2: 2021; EN 301 489-1 V2.2.3; EN 301 489-3 V2.3.2; EN 301 489-17 V3.2.4; EN 301 489-52 V1.2.1;

Radio Emissions: EN IEC 61851-21-2: 2021; BS EN IEC 61851-21-2: 2021; EN 301 489-1 V2.2.3; EN 301 489-3 V2.3.2; EN 301 489-17 V3.2.4; EN 301 489-52 V1.2.1; EN 300 328 V2.2.2; EN 300 330 V2.1.1; EN 301 511 V12.5.1; EN 301 908-1 V15.1.1; EN 301 908-2 V13.1.1; EN 301 908-13 V13.2.1; EN IEC 62311: 2020

Socket or Connector Compliance: IEC62196.

Date: January 2024
Name: James R. Clarke
Position: Managing Director

Signature:



Contents

Important Information

Important note: Please read this booklet before installing and switching on this appliance.

This product has been designed and manufactured solely for the purpose of charging electronically powered vehicles with a Type 2 connection and should only be used with an IEC 62196 compliant charging cable.

Connection to Mains Power Supply

Stevie installations must only be carried out by a qualified electrician registered to a competent person scheme. All installation work, for safety & preservation of warranty, must be compliant with the latest wiring regulations for your region, as well as following the electrical installation requirements set out in BS7671:2018+A2:2022, paying attention to section 722.

Any wiring sizes mentioned in this guide should only be used as a guide. Installation methods and environment along with cable sizing guides must be used.

We recommend the supply circuit for Stevie be protected by an upstream Type-A RCD or RCBO chosen according to the maximum output current of the charger and local regulations.

All Stevie Chargers have built-in PEN fault protection which means they can be connected to a PME (TN-C-S) incoming supply. There is no requirement to install an earth electrode in most cases.

It is not recommended to install any manufacturer's single-phase EV charger with PEN-fault detection onto a 3 phase TNCS supply. Local arrangements must be made to accommodate this. Please contact Stevie support if you have questions relating to this.

Set the internal DIP switch if necessary to physically limit output current. See page 31.

Full testing and inspection of the new installation according to the latest wiring regulations must be carried out before Stevie is used to charge a vehicle.

If you are in anyway unsure about any part of the installation of the Stevie Charge Point you MUST obtain clarification from a Stevie technical engineer before proceeding or connecting power to the Stevie Charge Point.

Safety

For your own safety, this product should only be used with UKCA, CE, and RoHS approved equipment. Using this product with non approved equipment can void this product's warranty.

Environmental Notice

In accordance with European Directive 2012/19/EU on waste electrical and electronic equipment and its implementation in national law, used electrical devices must be collected separately and recycled in an environmentally responsible manner.

Ensure you return your used device to your dealer or obtain information regarding a local, authorised collection and disposal system. Failure to comply with this EU Directive may result in a negative impact on the environment.

General Limitation of Liability

This device is not designed, manufactured, or intended for use or resale, in environments that require fail-safe performance, such as in the operation of life-support systems and/or nuclear facilities.

Declaration of Conformity

JPL EV Limited declares: This product complies with the basic health, safety and environmental requirements in all relevant UK and European directives. You will find the Declaration of Conformity at: www.steviechargers.com

Introduction

Thank you for choosing Stevie® for your EV Charge Point.

Our U.K. design team have carefully designed and crafted the Stevie® EV charge point, which at the time of launch is unique in this market, offering "On-Wall or In-Wall" mounting options.

We want you to be proud of choosing Stevie®. Our charge points offer; the lowest profile on the wall (when the in-wall model is fitted), a range of fascia colours that best complement your property, an illuminated display (when display option is chosen) giving peace of mind that Stevie® has received the right charging command, illuminated personalisation area, as well as a quick start RFID tag for immediate boost charging. We have tried to be unique and have included all the features a user would want from a charge point as standard.

We aim to develop and grow the Stevie family to bring you more features and designs, and strive to solve even more user problems to ease the transition while we all move over to the world of EV's.

We would like to involve you, the user, in the development of future Stevie chargers. If you have any suggestions to further improve the new era of EV charging, feel free to let us know. Our team are available at design@steviechargers.com to receive your feedback.

Finally if you have any issues or want to talk to our team, you can call us on (+44) 01258 822514 or email us at support@steviechargers.com

Thank you,

From all the Stevie Team

Welcome to the World of Stevie®

Product Information

General

Connection Capacity: Single-phase, 7.4kW AC

Dimensions: On-wall: 260 x 260 x 146mm (W x H x D)

Operating temperature: -35°C to +50°C

Environmental Protection: IP54

Unit Material: ABS + PC

Model: Stevie 1 - OWS **Net Weight:** 3.1 kgs

Model: Stevie 1 - OWT **Net Weight:** 5.6 kgs
Tethered Cable Length: 7.5m

Model: Stevie 1D - OWS **Net Weight:** 3.2 kgs

Model: Stevie 1D - OWT **Net Weight:** 5.7 kgs
Tethered Cable Length: 7.5m

Charging

Rated power: 1.4 - 7.4kW (6A - 32A)

Voltage: 230V AC - Single-phase (±10% AC)

Max output current: 32A

Connection: Type 2 socket or connector (IEC 62196)

Mains frequency: 50 / 60 Hz

Connectivity

WiFi 4 - 2.4GHz
Charging Control via Monta App
OCPP 1.6
RFID reader

Safety

PEN Fault Protection: Built-in PEN-fault conductor technology to eliminate the need for Earth Rod installation in most cases.

Stevie - Contact Us

JPL EV Limited,
Units 1 & 2, Church Close Business Park, Todber,
Sturminster Newton, Dorset DT10 1JH. England.

Customer Service:
Tel: +44 (0)1258 822514
E-mail: sales@steviechargers.com

Office Hours: 09:00 hrs - 17:00 hrs Monday to Friday.

JPL EV B.V.,
John M. Keynesplein 10, 1066EP Amsterdam,
Netherlands.

Customer Service:
Tel: +31 (35) 808 0201
E-mail: sales@steviechargers.com

Office Hours: 09:00 hrs - 17:00 hrs Monday to Friday.

Stevie Technical Engineer:
Tel: +44 (0)1258 822514
E-mail: Support@steviechargers.com

Office Hours: 09:00 hrs - 17:00 hrs Monday to Friday.

www.steviechargers.com

MONTA APP Support
https://support.monta.com/

Disclaimer
The diagrams supplied within this guide are used as examples and may differ from the unit you have. This guide can be subject to change at anytime without notice.

Stevie is a registered trademark of JPL EV Ltd.
Stevie products are protected by patent.

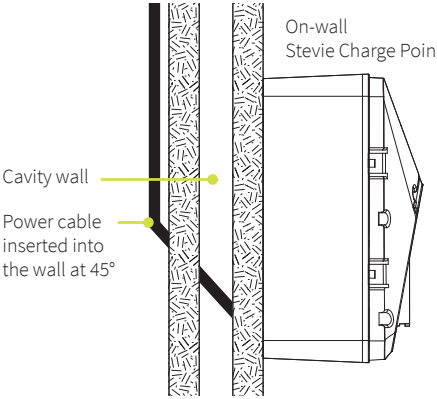
Before Installation

Installer must read and understand all the content covered in this manual before installing this unit. Please consider future charging requirements so that you can easily expand network accordingly.

Important

We do **not** recommend using the cavity within a cavity wall as a cable route.

If installing cable from within a property using the rear entry method, then please consider regulations 522.8 for mechanical stress, 523.9 installation in thermal insulation and 528.3 proximity to non electrical services. We also recommend Building Regulations are considered so as not to cause moisture transfer between the leaves of a cavity wall. We recommend Stevie is installed on the wall/ in the wall at a lower level than the cable passing into the internal wall at an angle of approximately 45 degrees - please see diagram.



RCDs

All Stevie Charge Points have an integral Type B RCD as standard equipment. For this reason, we strongly recommend the fitment of a Type A RCD or equivalent upstream of each unit. This will ensure maximum safety in the event of both AC and DC fault currents. These devices will disconnect the supply in the event of fault currents in excess of 30mA AC / 6mA DC. The internal DC fault protection is automatically tested at each start up, before every charging session, or at least once every 24 hours.

The external RCD is not included with the charger and must be fitted according to one of the following standards: EN61009-1, EN61008. EN62423, EN60947-2.

Overcurrent Protection

Stevie must be installed with an external overcurrent protection device in front of each charge point. The external overcurrent device is not included with the charger and must be compliant with one of the following standards: EN 61009-1, EN 60898, EN 60947-2, EN 60269.

A combined RCD and overcurrent protection device (RCBO), according to EN 61009-1, is typically the preferred choice recommended by JPL EV Ltd for a safe, user-friendly and cost efficient installation.

Considerations

RCDs must disconnect all live conductors.
The equipment is intended for non-restricted access.

Stevie® Charge Point serial number

The serial number is unique to your Stevie charger. It is located on the front of the main case.

It will be needed to re-activate your Stevie charger should the need for re-activation arise.

Safety Instructions

Important note: Please read this booklet before installing and switching on this appliance. The manufacturer assumes no responsibility for incorrect installation and usage as described in this booklet. Keep the installation guide for future reference. All the information in the guide is valid for the EV charge point model in this manual. This installation guide details the installation guidance for the charger. If you're unsure which model you have, please check the rating label on the charger.

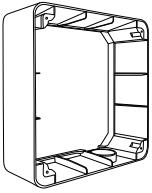
The unit is designed for installations inside or outside, with the innovative safety systems we have built into the charger ensuring its safe usage. This installation guide provides information to assist when installing the unit. **The charger must be professionally installed by a qualified electrician registered to a competent person scheme according to local regulations applicable at the time of installation and used in accordance with the manufacturer's instructions.**

- This unit is designed to connect to an electrical supply voltage of AC220V~240V 50/60Hz for single-phase series.
- The charger must be installed on a secure solid surface that can support the weight of the charger. Failure to install on a secure surface or not in accordance with electrical regulations could lead to death, personal injury, or property damage.
- Before installation please check that the unit has all contents included.
- Please check that the unit appears in good condition before installation.
- **This unit must be grounded (Earthed).**
- This unit is not suitable for use in dangerous places where there are high amounts of dust, gas or in an explosive and flammable environment.
- In order to ensure the electrical safety of the unit, the product body shell must be fixed to the correct position and the seals used to ensure the IP rating is maintained.
- The unit's front shell must be tightly secured to be waterproof and dustproof to ensure the products IP rating.
- This unit is designed to be used by adults, do not allow children to play with the appliance.
- **Do not** install in areas of high-risk chance of impact by vehicles or in an area causing a high-risk trip hazard.
- **Do not** use this unit if the socket or connector or cable are damaged.
- **Do not** put fingers into the socket or connector.
- **Do not** use this unit other than its intended purpose.
- **Do not** use a power washer to clean or wash the car charger.
- To prevent electrical shock, **do not** plug-in or un-plug with wet hands.
- **Always** disconnect the charging lead from the vehicle prior to driving off.

Important: Under no circumstances will compliance with the information in this guide relieve the user of his/her responsibility to comply with all applicable regulations or safety standards.

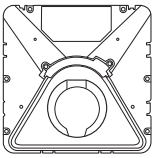
If you are in anyway unsure about any part of the installation of the Stevie Charge Point you MUST obtain clarification from a Stevie technical engineer before proceeding or connecting power to the Stevie Charge Point.

What comes in the Box



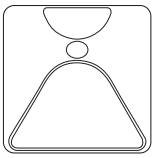
Toughened Plastic Surface Sleeve

Protective sleeve for on-wall installation. Factory fitted to main case.



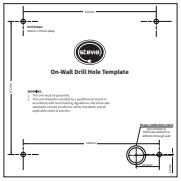
Main Case

Toughened plastic box housing electrical components. Comprising 2 parts: front & back shells.



Pearl White Fascia

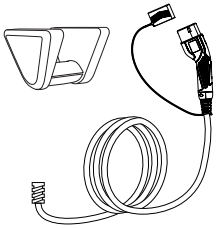
UV shielded front cover protects the electronics from the elements.



Installation Template

Printed template to allow exact drill hole alignment.

With Tethered Version Only



Charger Cable & Cable Holder

7.5m Type 2 charging cable with angled plug and pearl white coloured cable holder.

Installation fixings

4 x Wall Plugs

4 x Screws

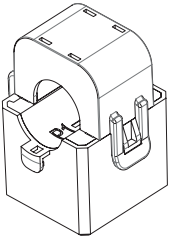
2 x Screws

2 x Sealing Rubbers

1 x Fixing Plate

1 x Fixing Clamp

1 x Fixing Removal Tool



1 x CT Clamp and 5m Cable

2 x Cable Glands (ø20mm & ø25mm)

1 x CT Wire Terminal

2 x RFID Cards

6 x Wiring Caps

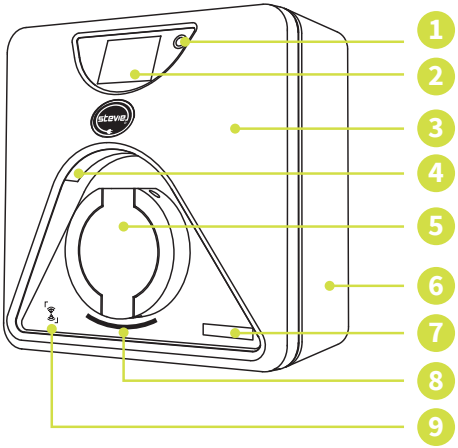
1 x Security Screwdriver Bit. (Use to remove the front shell only)

2 x Stickers

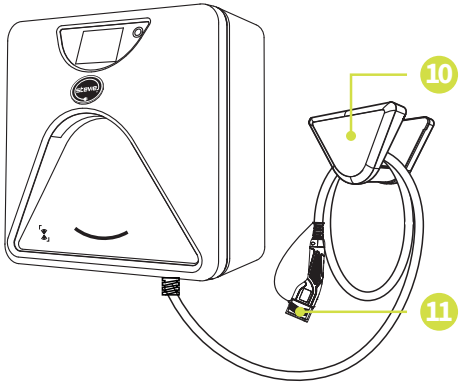
Before Installation

1. ***Installer*** must read and understand all the content covered in this manual before installing this unit.
2. Make sure that the installation location complies with current electrical regulations and guidance.
3. Make sure the supplied fixings are suitable for the mounting location. If not suitable, alternatives must be obtained locally before proceeding with the installation.
4. You will need to supply suitable supply cable (max ø 17mm) for chosen mounting method.

Stevie 1 - Key Features



Tethered Units



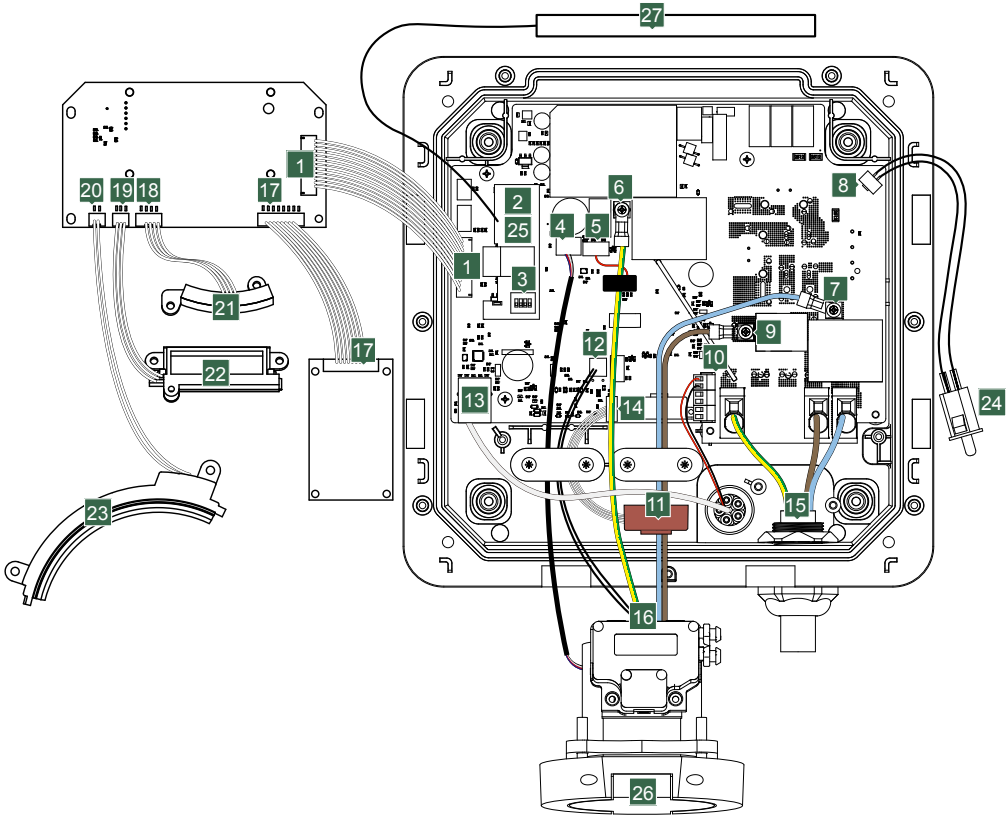
Stevie 1 - Key Features

1. **Touch Sensitive Button:** Activates the local interface and illuminates the LCD display screen, charging socket down light and personalisation window.
2. **LED Display Screen:** Charging status notifications displayed to echo status shown on smart phone App.
3. **Fascia:** A choice of coloured UV shielded plastic fascia covers available.
4. **LED Light:** Downward facing soft light to illuminate the charging socket when it is dark. Timed turn off to prevent light pollution.
5. **Type 2 Socket:** Universal socket for any electric vehicles. (Not supplied with tethered units).
6. **Surface Sleeve:** Toughened plastic sleeve for use with all surface mounted/on-wall units.
7. **Individual Personalisation:** LED illuminated designated place for installer or home owner to add their contact details or add house name or number.
8. **Working Status Indicator:** 3 colour LED (Red, Green, Blue).

Light Display Status	Product Status
Blue, green and red flashing alternately	Product power-on self-check
Blue light glowing	Standby
Blue light flashing	Connection confirmation
Green light glowing	Charging
Green light flashing	Charging is complete
Red light glowing	Over heating - temperature too high (possible fault, please see Troubleshooting guide for further red light indications/flashes)

9. **RFID Reader:** The integrated RFID reader enables immediate control of the charging and overrides the App for instant charging.
10. **Cable Holder:** A choice of coloured cable holders available.
11. **Charging Cable and Connector:** 7.5m Type 2 for tethered units only.

Location of Components



Socketed Unit

Please read and digest before starting your installation

Stevie installations must only be carried out by a qualified electrician registered to a competent person scheme. All installation work, for safety & preservation of warranty, must be compliant with the latest wiring regulations for your region.

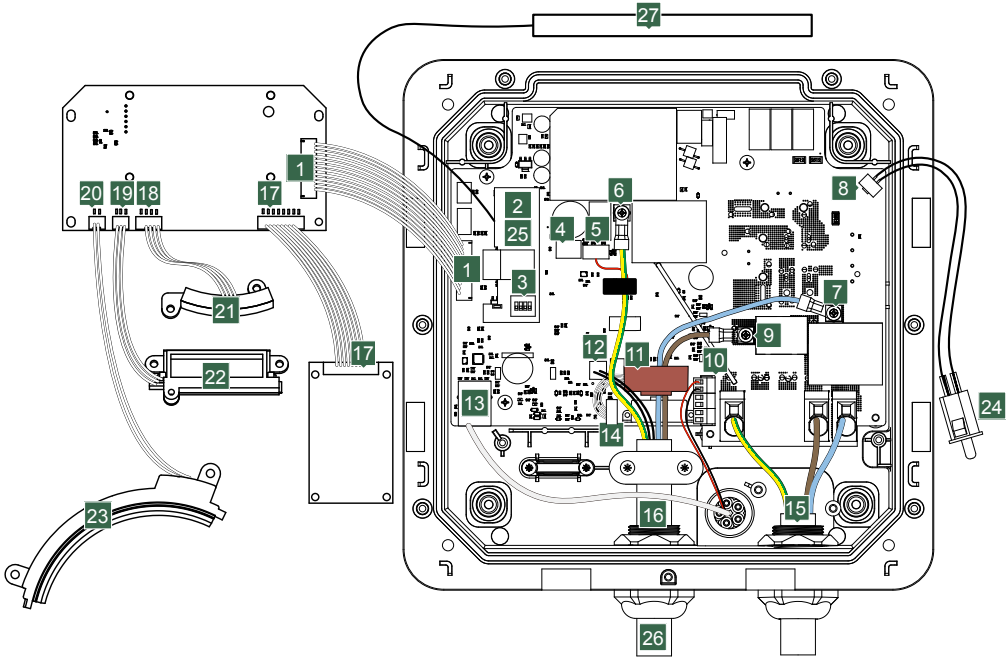
In addition to the above the guidelines given in the “Code of Practice for Electric Vehicle Charging Equipment Installation” (as amended) by the IET must also be followed.

If you are in anyway unsure about any part of the installation of the Stevie Charge Point you MUST obtain clarification from a Stevie technical engineer before proceeding or connecting power to the Stevie Charge Point.

1. **PCB and Transfer PCB terminal**
2. **WiFi module**
3. **DIP Switch**
4. **Electronic lock terminal**
5. **PE RCD terminal**
6. **Out-PE terminal**
7. **Out-N terminal**
8. **Tamper proof terminal**
9. **Out-L1 terminal**
10. **Load balance terminal**
11. **Type B RCD ***
12. **CP (and PP) terminal**
13. **Ethernet port**
14. **Type B RCD terminal**
15. **Mains power in-line**
16. **Power out-line**
17. **RFID terminal**
18. **Indicator light terminal**
19. **Personal card light terminal**
20. **Light terminal**
21. **Indicator light**
22. **Personal card light**
23. **Puddle light**
24. **Tamper proof switch**
25. **4G Module (Optional connectivity)**
26. **Socket**
27. **Antenna**

*Type-B RCD on board - installer advice is to “fit a Type-A RCD at source”.

Location of Components



Tethered Unit

Please read and digest before starting your installation

Stevie installations must only be carried out by a qualified electrician registered to a competent person scheme. All installation work, for safety & preservation of warranty, must be compliant with the latest wiring regulations for your region.

In addition to the above the guidelines given in the “Code of Practice for Electric Vehicle Charging Equipment Installation” (as amended) by the IET must also be followed.

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20. **Light terminal**
21. **Indicator light**
22. **Personal card light**
23. **Puddle light**
24. **Tamper proof switch**
25. **4G Module (Optional connectivity)**
26. **Tether**
27. **Antenna**

*Type-B RCD on board - installer advice is to “fit a Type-A RCD at source”.

Mounting the Charger

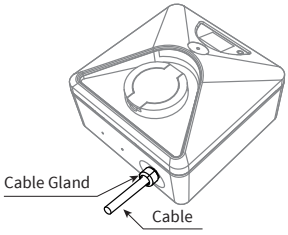
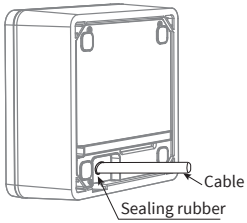
⚠WARNING:

Make sure that the power source is turned off before installing the unit.

Manufacturers and distributors are not responsible for any loss or related responsibilities caused by any incorrect installation.

The installer shall be responsible for the loss and damage of the product, system or property caused by improper installation.

Important:
Before installing the unit, it is necessary to confirm the entry point method for the unit's power cable.

Method 1	Method 2
Bottom Entry	Rear Entry
	

The Stevie unit gives you the option of both bottom and rear cable entry.

On-Wall Drill Hole Template Usage:

1. Position the ***On-Wall Drill Hole Template*** (as supplied - See fig. 1) on the wall to a minimum height, from the ground, of 0.5m and a maximum height of 1.5m. Find a clear, flat surface, protected from extreme external weather. Note: Direct strong sunlight will discolour your Stevie front fascia overtime. Replacement coloured front fascias are available.
2. **Note 1:** Ensure the installation template is facing the correct direction.

   Note 2: Make sure that the installation template is ***level*** when marking the position.

   For method 1: Use the installation template to mark the unit installation drill hole position. (Refer to fig. 2).

   For method 2: Use the installation template to mark the position of the unit installation hole and the cable entry hole. (Refer to fig. 2).

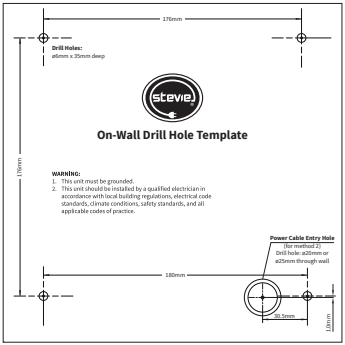


fig. 1

Mounting the Charger

3. **Note 1.** We recommend using a 6mm drill to a depth of approximately 35-40mm.

   Note 2. For method 2 installation, we do not recommend the cable entry hole be any larger than 25mm.

   Using the installation template, drill holes where shown. (Refer to fig. 2). Ensure these are drilled accurately and that you do not drill into any electrical cables or water pipes hidden within the wall. Please check the area before you start drilling.

4. Insert wall plugs into drilled holes.

Maximum height of 1.5m

Position the On-Wall Drill Hole Template on the wall to a minimum height, from the ground, of 0.5m and to a maximum height of 1.5m. Ensure that the Stevie unit is positioned away from extreme external influences.

Minimum height of 0.5m

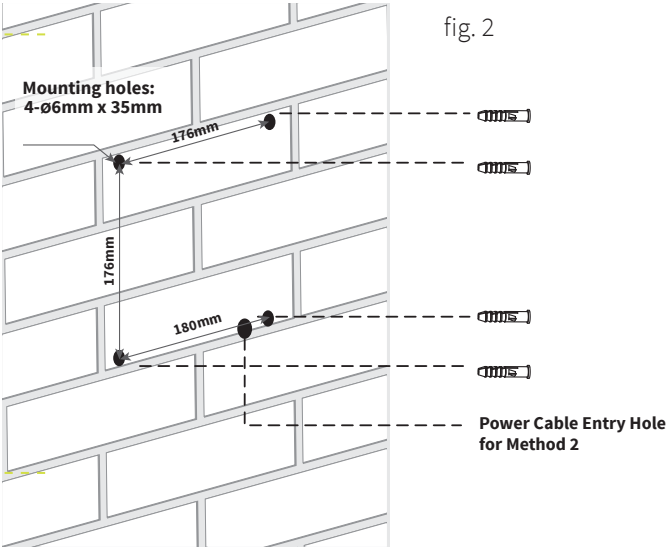


fig. 2

Preparation for Installation

Removing the Fascia from the Surface Sleeve:

1. Using the plastic fascia removal tool supplied, push the tapered end into the lower slots on the bottom edge of the fascia to release clips. (Refer to fig. 3). Gently remove fascia and set to one side. (Place the fascia in the protective bag until needed).

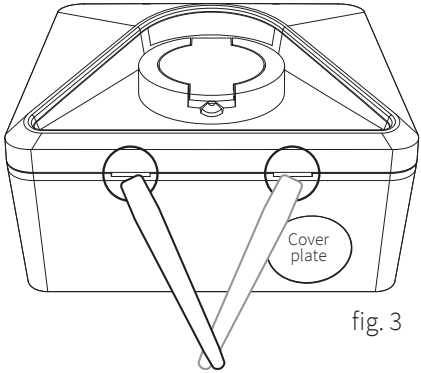


fig. 3

Preparation for Installation

Accessing the Stevie Charge Point:

1. Using the security screwdriver bit supplied (found in the Installer kit), remove the 6 screws marked “a” and using a Phillips screwdriver, remove the single screw marked “b” from the front shell, save the screws for subsequent use. (Refer to fig. 4).

2. Open the main case carefully. The front shell is permanently connected to the back shell by cabling.
Take care not to damage or break these cables.

Caution:
After opening the main case, visually inspect the inside, making sure that all wires are whole, good, and securely in place.

Note: ***Only for method 1*** - The round ***cover plate*** at the bottom of the main case must be removed. (Refer to fig. 5).

a. Using a thin metal blade, carefully prize the cover plate away from the surface sleeve, taking care not to scratch the surface sleeve.

b. Alternatively, the cover plate can be accessed by removing the back shell from the surface sleeve. This is done by removing the 4 corner screws. Once you have the surface sleeve removed you can simply push the cover plate out. After removing the cover plate, re-attach the surface sleeve to the back shell.

fig. 4

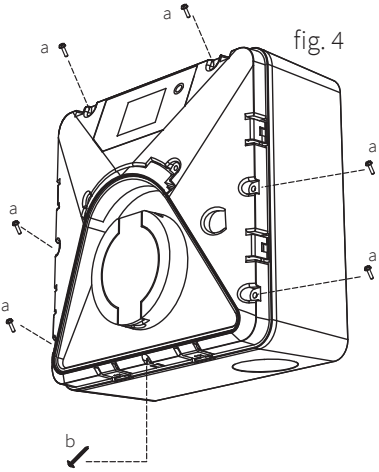
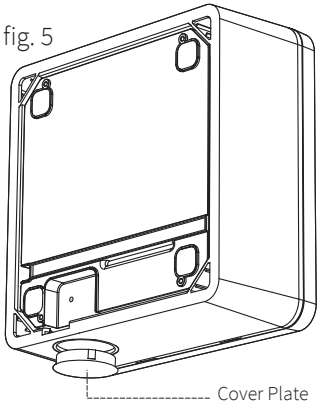


fig. 5



Power Cable Entry

Important:
Make sure that the power source is turned off before installing the unit. Manufacturers and distributors are not responsible for any loss or related responsibilities caused by any incorrect installation. The installer shall be responsible for the loss and damage of the product, system or property caused by improper installation.

Before installing the unit, it is necessary to confirm the entry point method for the unit's power cable.

The maximum diameter is 17mm for the power cable.

Connect the power cable to a suitable sized protective device. The Stevie unit takes a maximum load of just below 32 Amps. The Stevie unit must be on an individual circuit (not supplied on other circuits).

Cable Entry Preparation:

1. Carefully drill a hole in the main case following either fig. 6 (Method 1 - bottom entry) or fig. 7 (Method 2 - rear entry).

For method 1 installation, the cable entry hole size is recommended to be ø20mm for single-phase, (6mm^2 3 core cable), for use with the ø20mm cable gland, and ø25mm for single-phase (10mm^2 3 core cable), for use with the ø25mm cable gland. (Refer to fig. 6).
Note: If using a power supply cable with integrated CAT5, then a larger size of cable gland and entry hole may be required.

For method 2 installation, the maximum incoming power cable entry hole size should be ø25mm and the maximum drill hole size for Ethernet and CT Clamp should be ø18mm. (Refer to fig. 7).

WARNING:
- Remove burrs from around the drill hole to prevent affecting the seal level.
- Be careful not to damage internal components, especially internal wiring, when drilling the hole.

2. Clean and remove all the debris that has fallen into the main case during drilling.

WARNING: ***If there is any damage caused to the Stevie unit during drilling, DO NOT continue with this installation. The Stevie unit MUST be returned to JPL EV Ltd for inspection and re-certification before re-installation of the unit. Failure to adhere to this invalidates your warranty.***

The Stevie charger requires two types of connection; one for supplying electricity and the other for sending CT information (Load Management, Solar or Wind Input). A third connection is ethernet (hardwire) and is sometimes required if the primary WiFi connection is not available or strong enough.

Select the size of your incoming cable depending on your protective device rating, installation method and voltage drop. All holes should be suitably sealed to prevent water ingress. The warranty is void if the IP rating of the unit is not maintained or installations are not compliant with BS7671 Wiring Regulations, paying particular attention to section 722.

Power Cable Entry Drilling Options

Method 1 - Bottom Consumer Power Cable Entry

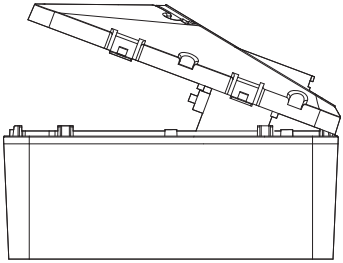
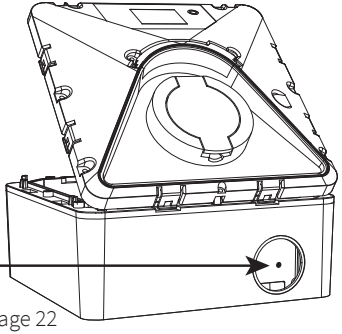
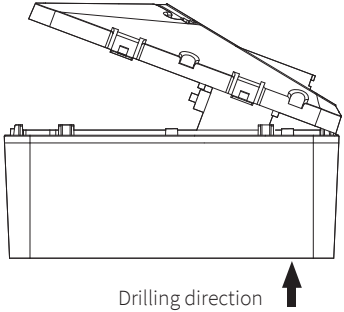


fig. 6

Method 1
Power cable
Drill hole position
Refer to note 1 on page 22

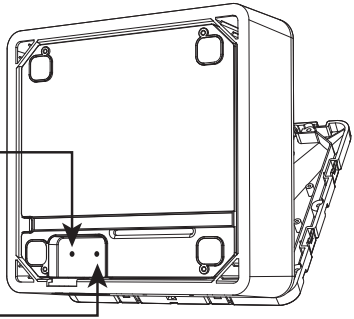


Method 2 - Rear Consumer Power Cable Entry



Drilling direction

fig. 7



Method 2
Power cable
ø25mm drill hole

ø18mm drill hole
to accept sealing rubber
for Ethernet & CT Clamp (Note: Not needed if using CAT5 cable)

Power Cable Entry - Method 1

Method 1 (Bottom Entry - Single-phase)

Note: This unit must be grounded (Earthed).

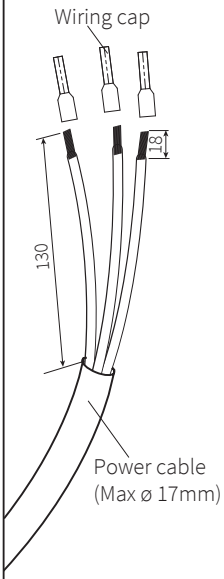
Please ensure that the consumer power cable is NOT connected to the mains power source while fitting the cables into the charging unit.

a. Cut the supply cabling wires to approx 130mm in length. Expose the cores by stripping back approx 18mm of insulation. (Please refer to cable sizing tables to calculate required supply cable size. We recommend that cables no larger than 10mm^2 are used).

b. Insert each wire's exposed core into one of the appropriate wiring caps. Choose the cap to suit the cable size used (see fig. 8, for guidance) and crimp using a square crimping tool.

c. Check cable compression gland is complete (see fig. 9) and fixed into cable entry hole with the sealing nut.

fig. 8



Note: If the wiring is solid type, it is not necessary to use the wiring cap.

Cable Compression Gland

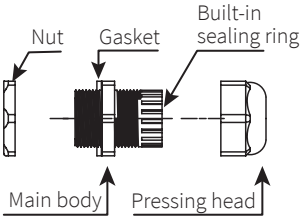


fig. 9

Power Cable Entry - Method 1

Method 1 (Bottom Entry - Single-phase)

d. Insert the prepared cable through the compression gland and tighten the sealing nut (see fig. 10 below).

e. Connect the wiring to the terminal block by pushing the cable into its correct terminal, as shown in fig. 11, ensuring that you connect the coloured cable to the corresponding coloured terminal block.

Note: The wiring can be removed if necessary by inserting a small flat head screwdriver into the square hole above each terminal to release the clamp.

WARNING:

- To maintain the IP protection level and the safety of the unit, the cable gland must be used and tightened.
- Never try to terminate any live wires.

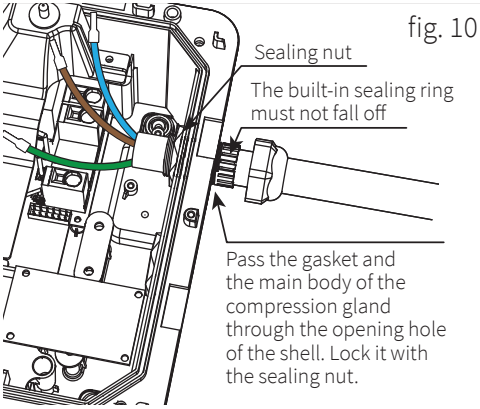


fig. 10

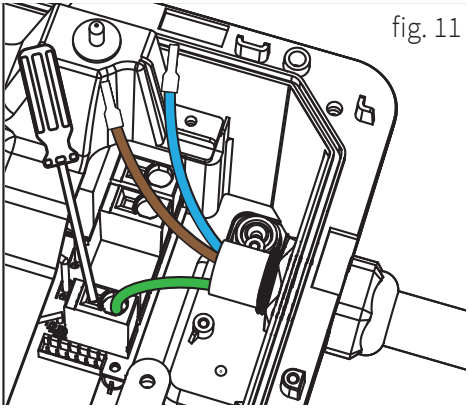


fig. 11

Power Cable Entry - Method 2

Method 2 (Rear Entry - Single-phase)

a. Cut the supply cabling wires to approx 130mm in length. Expose the cores by stripping back approx 18mm of insulation. (Please refer to cable sizing tables to calculate required supply cable size. We recommend that cables no larger than 10mm^2 are used).

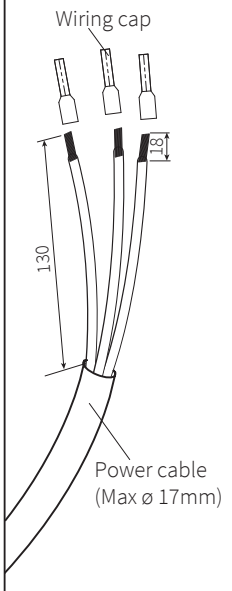
b. Insert each wire's exposed core into one of the appropriate wiring caps. Choose the cap to suit the cable size used and crimp using a square crimping tool.

c. Carefully drill a hole in the main case to accept the cone shaped sealing rubber, the maximum hole size should be ø25mm. (Refer to fig. 7 on page 23).

d. Cut the sealing rubber to fit the supply cabling and insert into the rear cable entry hole of the unit (see fig. 12).

Tuck the sealing rubber into the housing from the outside in. Insert it flush to the unit wall, allowing its sealing groove to fit into the housing.

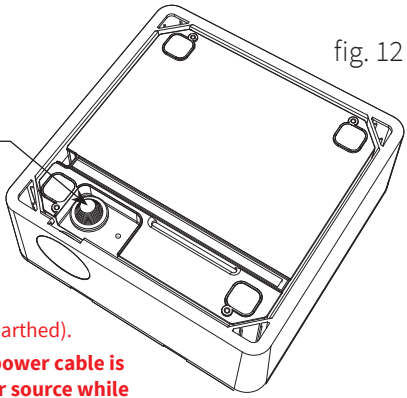
fig. 8



Note: If the wiring is solid type, it is not necessary to use the wiring cap.

fig. 12

Insert the cone shaped sealing rubber into the ø25mm hole



Note: This unit must be grounded (Earthed).

Please ensure that the consumer power cable is NOT connected to the mains power source while fitting the cables into the charging unit.

Power Cable Entry - Method 2

Method 2 (Rear Entry - Single-phase)

e. Attach the fixing clamp and fixing plate loosely as shown in fig. 13.

f. Insert the supply cable **(max ø 17mm)** through the fixing clamp and tighten the fixing plate to secure the cable using the 2 screws supplied.

g. Connect the wiring to the terminal block as shown in fig. 14, ensuring that you connect the coloured cable to the corresponding coloured terminal block.

Note: The wiring can be removed if necessary by inserting a small flat head screwdriver into the square hole above each terminal to release the clamp.

h. Ensure the cable entry opening is sealed correctly.

WARNING:

- To maintain the IP protection level and the safety of the unit, please ensure that the cable entry holes are sealed.
- Never try to terminate any live wires.

fig. 13

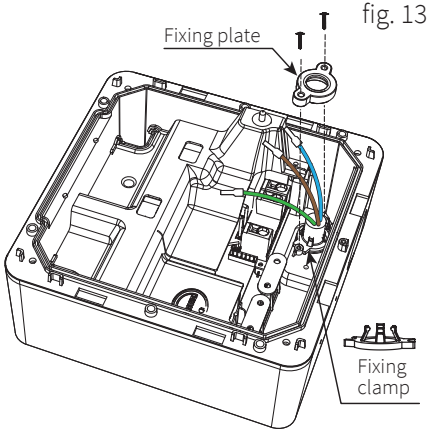
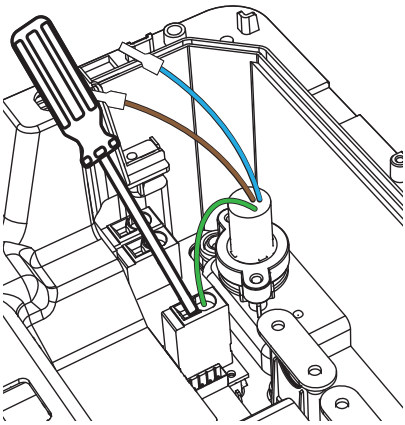
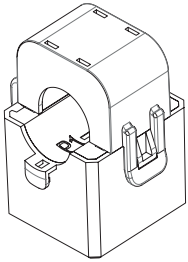


fig. 14



CT Clamp Wiring



CT Clamp (Current Clamp)

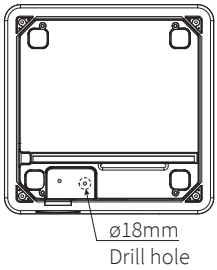
The CT clamp will monitor the total load (amps) going through the home. If the CT clamp detects that the load is close to exceeding the maximum the house is able to handle, then the charge rate on the charger will be reduced.

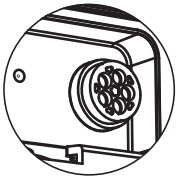
Load Management Function

Note: This unit must be grounded (Earthed).

a. Using the ø18mm hole previously drilled (see page 23).

b. Insert the sealing rubber into the main case, as fig. 15, pierce one of the five holes and thread the CT wire into it, one hole corresponds to one CT wire (as this product is single-phase, you just need to pierce one hole, and the other four do not need to be pierced), after the CT cable is inserted, ensure that the length of cable is sufficient to connect to the CT interface.





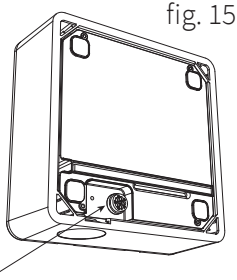
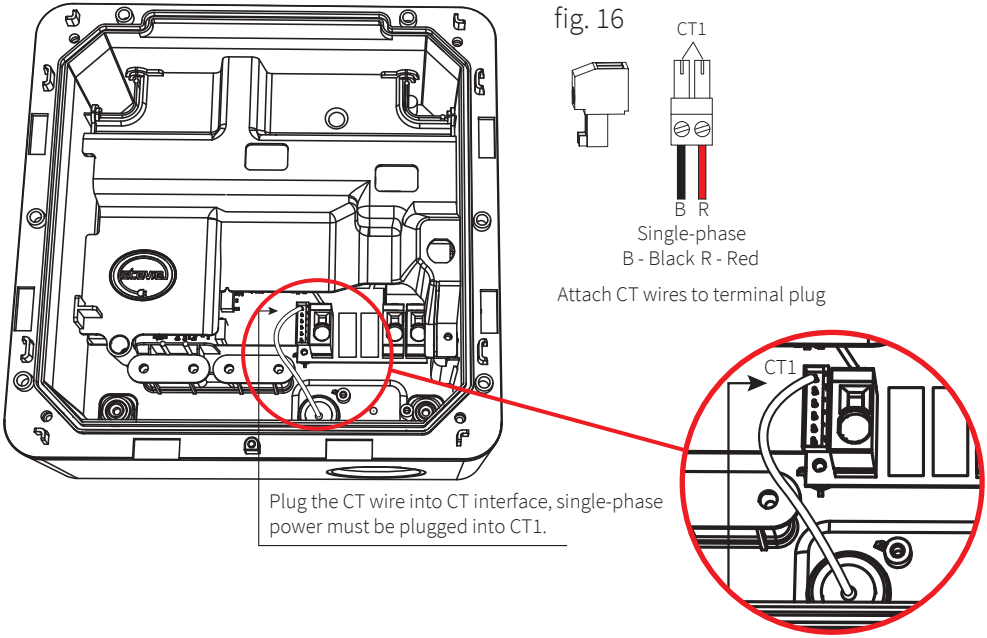


fig. 15

Tuck the sealing rubber into the housing from the outside in. Insert it flush and level to the housing, allowing the seal groove to fit into the housing.

CT Clamp Wiring

c. Attach the two CT wires (black and red) to the CT wire terminal (supplied in the Installer Kit) and then insert it into the CT interface on the Stevie unit in position CT1, fig. 16.



Note: If you need to install Ethernet, you use the same sealing rubber. Refer to fig. 18, page 32.

CT Clamp Installation

Load Management Function

e. Attach 1 x CT clamp to the property mains live incoming supply cable BEFORE the electricity meter. See fig. 17 for guidance. Ensure the directional arrow on the CT clamp points towards the electricity meter.

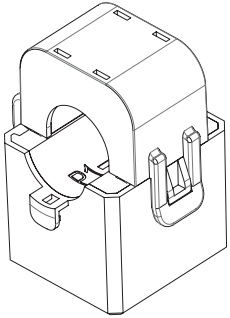
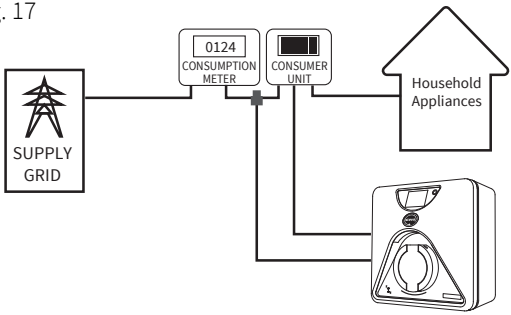


fig. 17



AC220V~240V 50/60Hz

Note: If there is a need to extend the CT cable, then we recommend you use CAT5 cable.
Do Not Use mains cable, bell wire or speaker cable.

It is important to only use twisted-pair cable to maintain signal integrity. Up to four CT cables can be extended using the separate twisted pairs in a CAT5 Ethernet cable. The cable can be extended up to 40m.

- **Remember to use a separated twisted pair for each CT.**
- When joining CT wires make sure that the ends of the wires are twisted tightly together and joined using crimps, screw terminals or solder.
- Avoid using lever clamp type terminals as these do not provide a reliable connection at very low currents.

Load Management

Setting the DIP Switch

The DIP switch is factory set to provide a maximum charging current of 32A, however, you may need to set the current DIP switch according to the minimum wire size as shown in the table below.

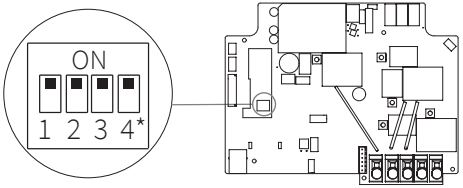
CAUTION 1: The unit must be isolated from mains power before any changes are made to the DIP switches.

CAUTION 2: Incorrect setting of the DIP switches may cause hazards such as overheating of the incoming wire.

If DIP switches are used for load management, this will always ONLY allow your setting to be the maximum charging rate that is delivered.

WARNING: The DIP switches must only be adjusted by a qualified electrician/installer. Incorrect setting may lead to equipment damage and/or personal injury. The current rating must not exceed the supply rating.

WARNING: Refer to cable sizing tables for your installation. Cable sizes mentioned below are to be used as a guide only.



PLEASE NOTE: As default, unless your installation dictates, we recommend the DIP switches 1 & 2 to be set at 32A maximum current (ie both ON), and Earth check to be ON.
*DIP Switch 4 is redundant.

DIP switch position	ON 1 2	ON 1 2	ON 1 2	ON 1 2
Current (A)	32	16	13	10
Min. wire size (copper)	6mm²/10mm² or 10AWG	2.5mm² or 13AWG	2mm² or 14AWG	1.5mm² or 15AWG
Circuit breaker (Amps)	40	20	20	16
	Recommended 32A			

DIP switch position	ON 3	ON 3	DIP switch position	ON 4	ON 4
Earth check	Yes	No	Control	Idle	Idle

Ethernet Network Cable

Ethernet Network Connection - For models with ethernet capability

a. Following on from steps shown in fig. 15 on page 28.

b. Pierce one of the 5 holes in the sealing rubber, insert the network cable into the sealing rubber, then insert it into the housing, as shown in fig.15.

Ensure enough network cable is installed to allow connection to the Ethernet interface.

Warning: Ensure the cable entry points on the back of the unit are sealed prior to use. This is to maintain the IP rating of the unit and therefore it's safety.

c. Network cable is plugged into Ethernet interface, as fig. 18.

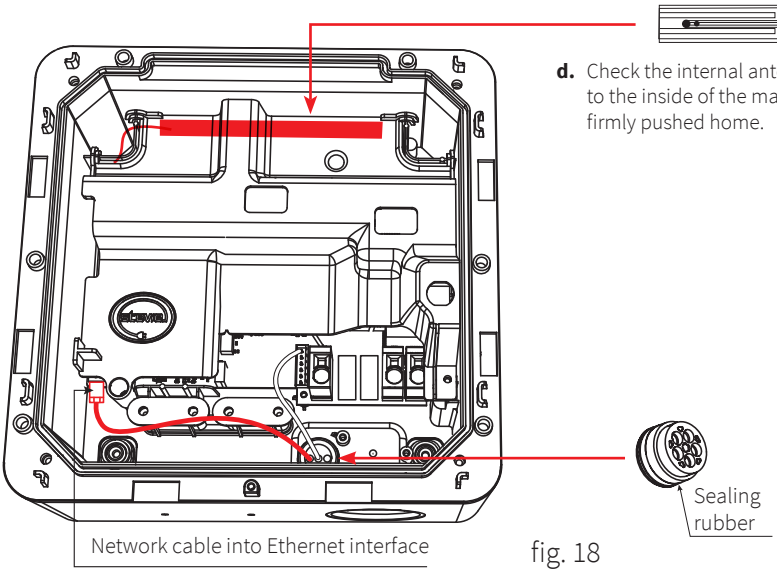


fig. 18

d. Check the internal antenna is securely affixed to the inside of the main case and the plug is firmly pushed home.

On-Wall Installation

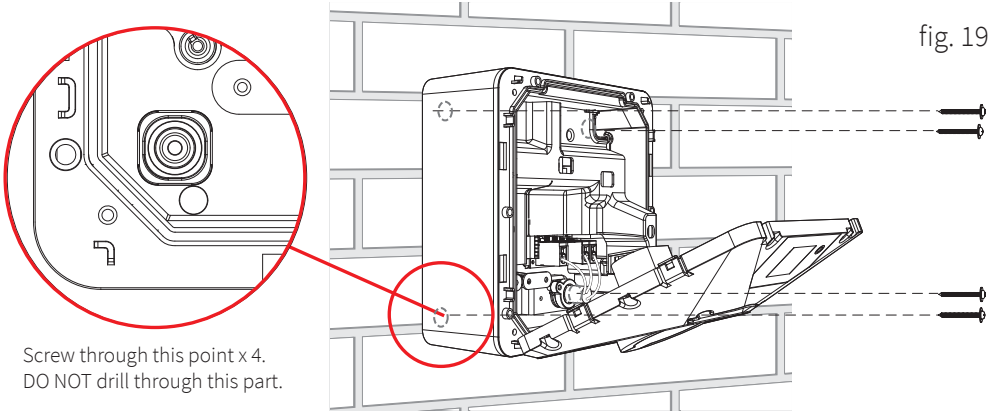
Attaching the Stevie Charge Point to the Wall:

Note: Ensure all cables, (power, CT clamp, ethernet) have been fitted to the Stevie charger unit and inserted through the wall before attaching the unit securely to the wall.

The power cable must NOT be connected to the mains supply yet.

1. Use the 4 screws supplied with the wall plugs to screw the unit to the wall with the previously installed wall plugs (as shown in fig. 19). **Note:** These points do not require drilling through first, just screw the fixing screws through the centre to puncture the rubber (this forms the weather proofing).

2. Carefully remove any debris (caused by drilling or screwing) from inside the unit.

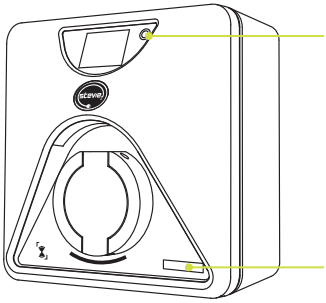


Screw through this point x 4.
DO NOT drill through this part.

fig. 19

Please note: If you feel that you require a different fixing method for your particular installation, then please acquire your choice of fixings locally. The above are the recommended minimum sizes/lengths to use.

Name Card



Touch sensitive button to activate the illumination of the LCD display, charging socket and name card area. Illuminates for 60 seconds.

Individual Personalisation:

LED illuminated designated place for installer to insert a label with their contact details or for the home owner to add their house name or number.

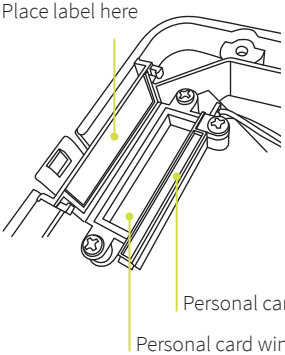
Access the integrated personalisation window from inside the main case, behind the fold down panel.

Hand write your details or use your own printed details

Label size: 45mm x 12mm

Write Installer contact details here

Two blank labels are supplied in with the RFID tags.



Note: Confirm with the home owner what information is wanted on the name card as this can only be completed as part of the install.

On-Wall Installation

Sealing the Stevie Charge Point:

1. Ensure all cables are connected correctly and securely and are not loose or damaged.

2. Confirm the WiFi antenna is securely attached and the plug is pushed firmly into its port.

3. Attach the front shell to the back shell making sure not to trap any wires.
NOTE: Before attaching, check the sealing strip in the back shell is present and in the correct position.

4. Use the 7 previously removed screws to fix the front shell to the back shell of the main case. Ensure these are tightened to form a good seal.

The recommended torque for the six fixing screws “a” is 1.5-2 N.M.
The recommended torque for the single fixing screw “b” is 1.2-1.5 N.M.

NOTE: After the front shell has been secured to the back shell of the main case, ensure there are no gaps visible between the cases. If a gap is identified, please remove the front shell, check for obstructions and refit correctly.

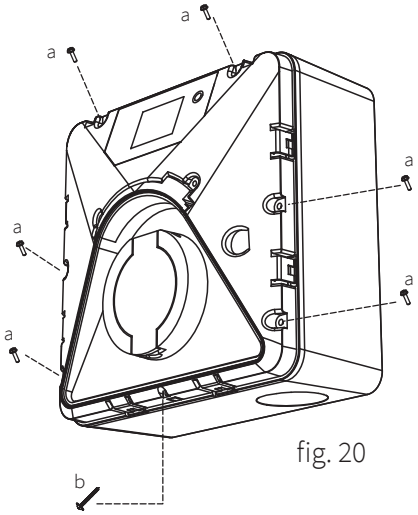


fig. 20

Commissioning and Maintenance

Inspection

a. This unit must be grounded (Earthed).

b. Switch the supply to the unit on. The unit will cycle through red, blue and green lights to self-check and enter the corresponding mode. (Allow 45-60 seconds).

c. Ensure you are satisfied the installation is complete and tested as safe before leaving with the end user.

d. Ensure the unit has been installed and fully tested in compliance with the current Electrical Wiring Regulations for your region.

e. Once testing is complete, please commission the charger by following the instructions on the following pages.

Maintenance

The charger enclosure does NOT need to be opened for routine maintenance tasks.

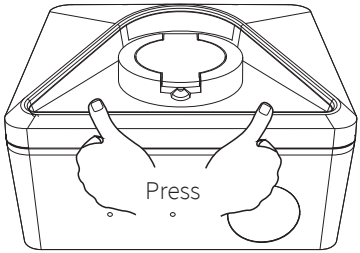
a. Regularly clean the external surfaces of the equipment with a damp cloth. In order to avoid damaging the surface smoothness, do not clean with soluble substances or alcohol.

b. Regularly inspect the exterior of the equipment for visual damage, if damage affects safety, isolate the equipment and prevent its use until appropriate repairs have been completed.

c. Once a year, the charger and switchgear (if installed) should be electrically inspected by a qualified electrician in accordance with the current legislation for the installation location. A record of the tests and results must be kept.

Attaching Front Fascia:

1. Re attach the front fascia to the front case. Ensure a “click” is heard when pressing the two locking positions at the bottom of the fascia.



Connecting WiFi via the JPL EV Installer App

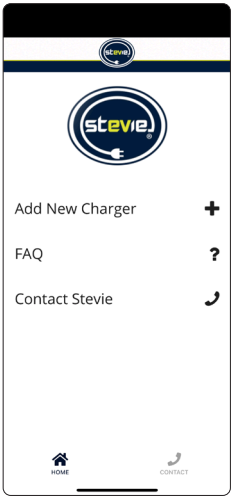
The following steps will guide you through the simple 12 step process for configuring the Stevie charger.

Step 1:
Download the Stevie Installer App.

Available on the App Store

GET IT ON Google Play

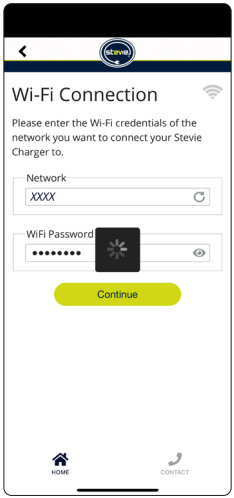
Step 2:
Load the Stevie App.



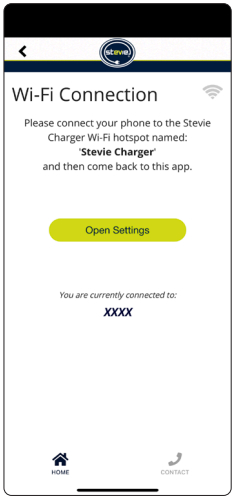
Step 3:
Select “Add New Charger” in the main menu.

Connecting WiFi via the JPL EV Installer App

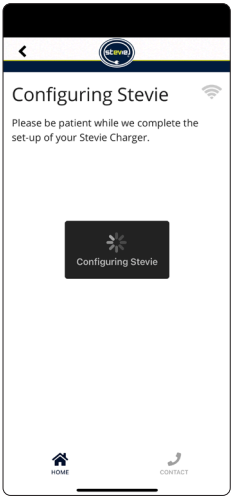
Step 4:
Connect to your home Wi-Fi network, input the network password, and select “Continue”.



Step 5:
Wait for the Wi-Fi network to configure.

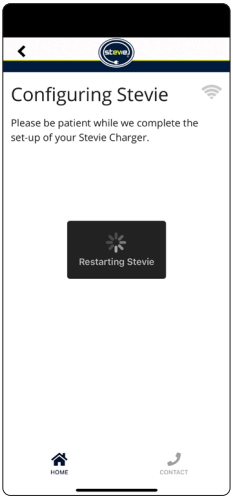


Step 6:
Connect to your Stevie Charger’s Hotspot network.

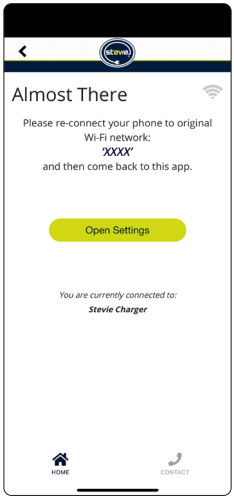


Step 7:
Wait for the Stevie Charger to configure.

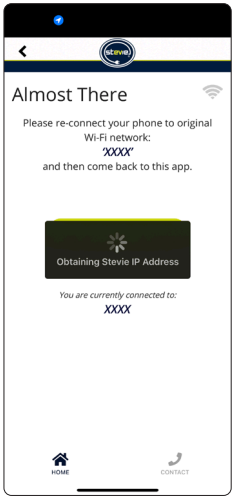
Connecting WiFi via the JPL EV Installer App



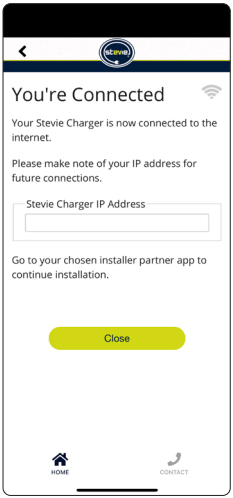
Step 8:
Wait for the Stevie Charger to restart.



Step 9:
Connect to your home Wi-Fi network.



Step 10:
Wait for the App to scan your Wi-Fi network for the Stevie Charger.



Step 11:
You're Connected.
Make a note of your Stevie Charger's private IP address for future connections.

Step 12:
Now install the Monta App.
Instructions on next page.

Smart Charging via the Monta App/Portal

Download the Monta App. https://app.monta.app/d/powered-by-monta

Open the app and follow the easy step by step instructions to create an account.

Step 1:
Please plug your electric vehicle to the relevant charge point and open the Monta App.

Default Pre-set Charging Time Exclusions

Default off-peak charging set by the Monta App is from 22:00hrs to 08:00hrs and from 11:00hrs to 16:00hrs Monday to Friday. (i.e. as default, you cannot charge Monday - Friday, between 08:00-11:00hrs and 16:00-22:00hrs).

- This can be changed by the owner of the charge point in the Monta App. (This can be changed at any time).
- Random delay can be switched off if you choose to charge immediately.

  Every charge has a random delay. Randomised delay is up to 600 seconds from requesting a charge session to it beginning. This can be over ridden in the Monta App before each charging session.

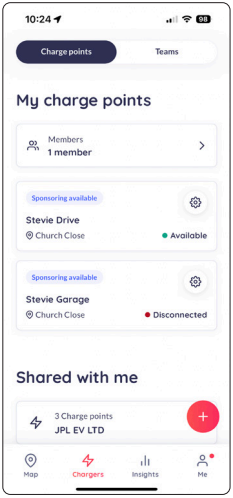
Telecommunication

This product is compliant with the OCPP 1.6 service protocol.

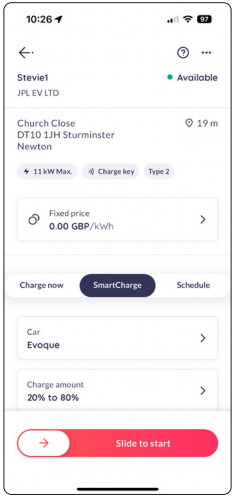
Load Management Instruction

Stevie is equipped with Load Balancing technology. This allows ***Stevie*** to regulate the output current to not exceed that available for the property.

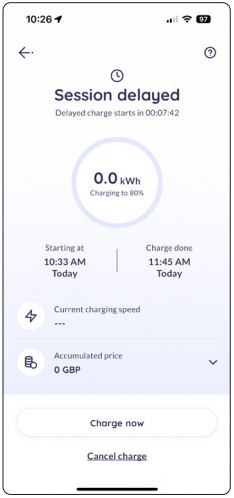
Note: If DIP switches have been used for load management, that will always be the maximum charging rate delivered, regardless of settings on the Monta App/Portal.



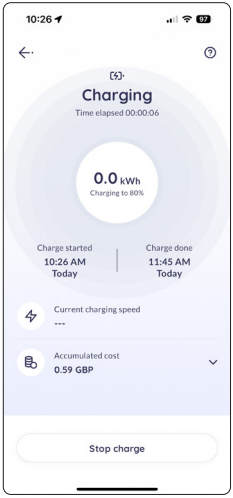
Step 2:
Select the charge point you have connected to your electric vehicle.



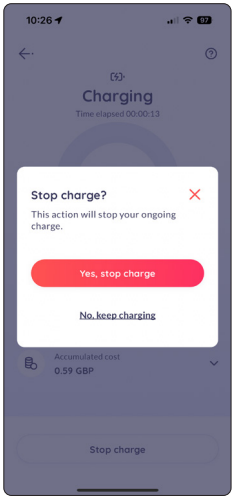
Step 3:
Select your charge type:
Charge now is for quick and simple charging.
SmartCharge is used to minimise your effect on the grid, environment, and your wallet.
Schedule is useful when wanting a charge to be complete within a certain, predefined, time.



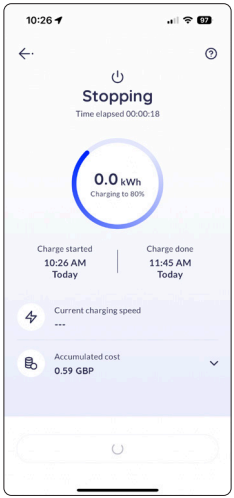
Step 4:
Monta will apply the required default delay of a maximum of 600 seconds. Please wait for the delay to end or, if needed, press the “Charge now” option at the bottom of the screen to override.



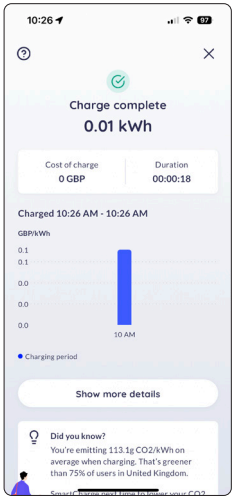
Step 5:
The charge point is now charging.
Here you can see the speed, cost, and expected completion time for your charge point.



Step 6:
To stop a charge early, please select the ***"Stop charge"*** option at the bottom of the screen. Then press the ***"Yes, stop charge"*** option.



Step 7:
Please wait for the charge to stop.



Step 8:
Here will display the time, cost, and charging period of the charge.

Step 9:
Please disconnect your electric vehicle before driving off.

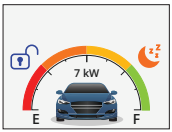
Socketed unit ONLY:
Once the charge has stopped, the cable connected to your electric vehicle must be disconnected from the car before the charge point will unlock it's socket. (Disconnect cable from car before disconnecting from charge point).
If you have enabled the cable lock function then the cable stays locked to the Stevie charge point.

LCD Displays

For Stevie models with an LCD display, the following screens will be shown during the charging cycle.

Start

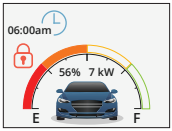

Idle Screen



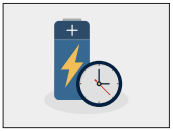
Main Hub

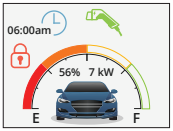
Smart Charge Enabled


Smart Charge Enabled

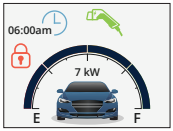


Main Hub


Smart Charge

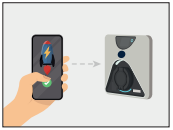


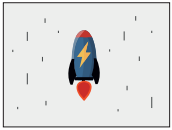
Main Hub
Vehicle Compatible

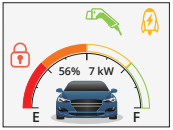


Main Hub
Vehicle Not Fully
Integrated*

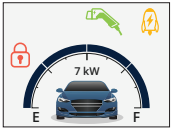
Boost Charge Enabled


Boost Charge Enabled


Boost Charge



Main Hub
Vehicle Compatible



Main Hub
Vehicle Not Fully
Integrated*

Charge Completed


Boost charge enabled

Fault Appears

Fault present

Smart charge active. Show time that smart charge will be completed at.


Unlocked socket.


Locked socket.


Charge active.


Boost charge active.


Car connected idle.

*** Vehicle Not Fully Integrated** - This means that the vehicle model is currently not fully integrated with the App. All other functions should not be effected. We are working to get more vehicles added to the App.

Cable Holder

Installation of the Cable Holder
(supplied with tethered chargers only, available to purchase as an optional accessory)

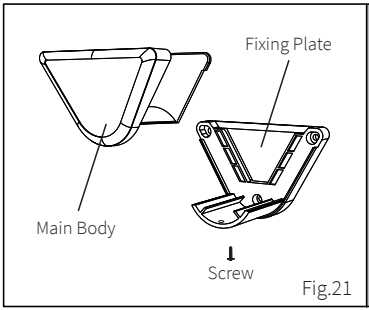


Fig.21

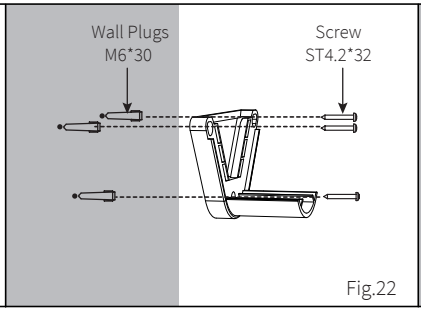


Fig.22

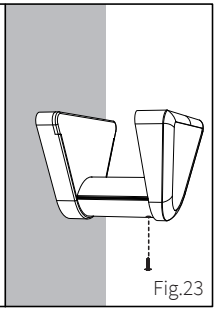


Fig.23

1. Remove the single screw from the bottom of the cable holder and separate the fixing plate and the main body parts (see fig. 21).
2. Identify a suitable location near your Stevie for the cable holder position, ideally approximately 0.5 – 1.5 metres from the ground level (see fig. 24). Test for hidden cables or piping before drilling.
3. Position the fixing plate in position and mark the 3 mounting holes.
4. Drill the 3 mounting holes using a 6mm drill bit to approx. 35-40mm in depth.
5. Insert wall plugs and screw fixing plate to the wall (see fig. 22).
6. Install main body to fixing plate using previously removed screw (see fig. 23)

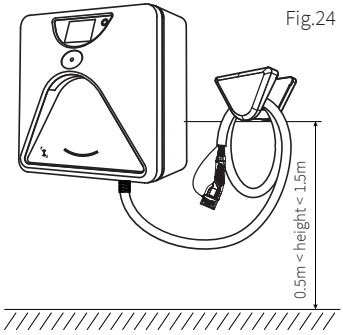


Fig.24

Note: if you feel that you require a different fixing method for your particular installation, then please acquire your choice of fixings locally. The above are the recommended minimum sizes/lengths to use.

Installation Check List

Please Tick Box to confirm all checks

1.	Is the Stevie unit securely affixed to the wall?	☐
2.	Are all cable entry points adequately tightened and seals checked?	☐
3.	Are all cable connections secure?	☐
4.	If fitted, is the CT clamp correctly installed (arrow facing in correct direction) and termination secure?	☐
5.	If fitted, is the ethernet cable plug secure?	☐
6.	Is the internal antenna plug connected and antenna securely affixed to the main case?	☐
7.	Has a personalisation card been placed into the window?	☐
8.	Did you ask the home owner if they wanted their house number/name or installer contact details displayed?	☐
9.	Is the weatherproofing seal in place on the Main Case?	☐
10.	Are the 7 screws installed and tightened to the recommended torque values?	☐
11.	For display screen versions, has the plastic protective cover been removed from the display screen?	☐
12.	Has the front fascia been securely affixed to the front cover?	☐
13.	Have all the required electrical installation tests been carried out?	☐
14.	If used, has the unit been connected to the local/property WiFi network?	☐
15.	Has the unit been configured on the Monta portal/App?	☐
16.	Has the end user been supported with downloading the Monta App?	☐
17.	Has the end user been given a demonstration as to how to use Stevie & the Monta App?	☐
18.	Has the Charge Point had the most recent firmware applied?	☐
19.	Did you registered the Stevie unit on-line before leaving the property (Must be done within 48 hours of installation)	☐

Installer to sign to confirm the above have all been completed as per the instructions in this Installation Guide.

Thank you.

Signature: _____

Print Name: _____

Date: _____

Troubleshooting

Fault ID	Red Light Flashing	Description of Fault	Recommended Solution/Troubleshooting
783FID1	Three fast, one slow	Power Supply Ground Fault	Contact your Installer or Stevie support. Check ground wire is well connected. PEN fault protection relay open.
783FID2		Internal RCD tripped	Power off Stevie at isolator switch if installed, or at supply source (MCB/RCBO etc), wait 30 seconds and switch the power back on. If fault persists, contact your installer or Stevie support.
783FID3*	Red light glowing	Internal temperature too high	Charging will resume once the internal temperature lowers to an acceptable level. We recommend EV chargers to be shielded from the sun where possible to limit heat exposure. If the fault persists, contact your installer.
783FID4		Wi-Fi / Data connection lost	Check your WiFi router is operating normally, and check signal strength using a mobile phone near the Stevie charger. If Wi-Fi router is operating normally, attempt to reconnect or reset the Stevie WiFi as per instructions. Installer to check internal antenna is correctly connected.
783FID5	Six fast, four slow	Front cover is open/Tamper	The front cover has been opened or the tamper switch has been activated. Please contact installer or Stevie support for assistance.
783FID6	Four fast, one slow	Over voltage	Input voltage is unstable, check power supply and contact installer or Stevie support for assistance if needed.
783FID7	Three fast, two slow	Under voltage	Input voltage is unstable, check power supply and contact installer for assistance if needed.
783FID8	Two fast, one slow	Over current	Output current of the Stevie charger is too high, power off Stevie at isolator switch if installed, or at supply source (MCB/RCBO etc), wait 30 seconds and switch the power back on. If fault persists, contact your installer or Stevie support.

Troubleshooting

Fault ID	Red Light Flashing	Description of Fault	Recommended Solution/Troubleshooting
783FID9	Two fast, two slow	Pen Fault	Potential PEN fault activation, power off Stevie at isolator switch if installed, or at supply source (MCB/RCBO etc), wait 30 seconds and switch the power back on. If fault persists, contact your installer.
783FID10	Six fast, three slow	Electronic lock fault	Check that the lock of the socket and plug, if inserted, is inserted fully. Power off the Stevie charger at isolator switch if installed, or at supply source (MCB/RCBO etc), this should reset the lock and release the cable. Turn the power back on. If fault persists, contact your installer or Stevie support.
783FID11	Four fast, two slow	RFID failure	The RFID reader connection is not working correctly or damaged, power off Stevie at isolator switch if installed, or at supply source (MCB/RCBO etc), wait 30 seconds and switch the power back on. If fault persists, contact your installer.
783FID12		Other	The Stevie Charger has an abnormal fault, power off Stevie at isolator switch if installed, or at supply source (MCB/RCBO etc), wait 30 seconds and switch the power back on. If fault persists, contact your installer or Stevie support.
783FID13	Infinite cycle self-check	RCD fault	Check whether the PE RCD wiring and TYPE B RCD wiring inside the product are good. Power off Stevie at isolator switch if installed, or at supply source (MCB/RCBO etc), wait 30 seconds and switch the power back on. If fault persists, contact your installer or Stevie support.
783FID14	Six fast, two slow	Adhesion failure	Stevie wouldn't switch off when instructed by the car or app. Power off and on again to see if the unit resets the relay.
783FID15	One fast, one slow	Scram fault	Emergency stop. Un-plug the connector and recover.

Troubleshooting

Fault ID	Red Light Flashing	Description of Fault	Recommended Solution/Troubleshooting
783FID16	Two fast, four slow	Metering chip anomaly	Metering chip fault. Power off Stevie at isolator switch if installed, or at supply source (MCB/RCBO etc), wait 30 seconds and switch the power back on. If fault persists, contact your installer or Stevie support.
783FID17	Five fast, five slow	Relay fault	L/N relay fault. Power off Stevie at isolator switch if installed, or at supply source (MCB/RCBO etc), wait 30 seconds and switch the power back on. If fault persists, contact your installer or Stevie support.
783FID18	Five fast, three slow	PEN relay fault	PEN relay fault. Power off Stevie at isolator switch if installed, or at supply source (MCB/RCBO etc), wait 30 seconds and switch the power back on. If fault persists, contact your installer or Stevie support.
783FID19	Three fast, three slow	Order creation failure	Contact your installer or Stevie support.

Overheating Sensor:
Stevie chargers have built-in temperature sensors that recognise when too much heat is being generated;

1. When the internal temperature of the charger reaches above 75 degrees Celsius, the current will be reduced to 50% of the live output current, (when it is greater than 16A), and it will be reduced to 8A when it is below 16A.

2. *783FID3 - When the temperature rises above 85 degrees Celsius, charging will stop and an over-temperature warning will be issued.

These actions will ensure that your Stevie charger is not damaged.

WARNING:
Do not continue to operate the EV charger if you are in any doubt about it working normally, or if it is damaged in any way, or if the fault code does not go out. Disconnect from the mains and consult your dealer.

Further information, full user guide, and useful videos can be found on our website ***www.steviechargers.com***

Technical Data

Item \ Technical Data \ Model		Socketed 783-002-001, 783-005-001	Tethered 783-003-001, 783-006-001
Input	Power Supply	1P+N+PE	
	Rated Voltage	AC220 ~ 240V 50/60Hz	
	Rated current	Max 32A (6-32A adjustable)	
Output	Output Voltage	AC220 ~ 240V 50/60Hz	
	Rated Power	7.4kW	
	Maximum Current	Max 32A (6-32A adjustable)	
User interface	Charger socket or connector	Type 2	
	Material	ABS +PC Flammability Rating V - 0	
	Indicator light	Three colour LED	
Safety	Ingress Protection	IP54	Enclosure: IP65 Connector: IP54
	PCB protection	Over current protection The max 32A-Recommended 36A	
		Residual current protection (AC TYPE A 30mA, DC 6mA)	
		Earth check	
		PEN fault protection	
		Over/Under voltage protection	
		Over temperature	
	Certification	CE, UKCA	
	Certification Standard	EN 61851, EN 62196	
Power consumption	Standby power consumption	<10W	
Environment	Installation	Wall mounted	
	Work Temperature	-35°C~50°C	
	Work Humidity	3%~95%	
	Work Altitude	<2000m	

Warranty

The Stevie Charger must be registered on-line within 48 hours of installation to validate the warranty at: ***https://www.steviechargers.com/support/warranty/.*** Failure to register the unit will void the 3 year warranty and a standard 1 year warranty will be issued as default.

Conditions of Warranty

JPL EV Limited, grants 3 years Manufacturer's Warranty from the date of purchase, as the manufacturer of this product.

The following points must be/have been followed in order to qualify for our warranty:

1. Installation has been carried out by a qualified, competent person in accordance with local building and electrical regulations and standards.
2. The installation has been carried out in accordance with the instructions and current legislation.
3. Proof of purchase can be produced when requested.
4. Modification or repair of the EV charger by an unauthorised person has not been attempted – an authorised person is a Stevie-appointed professional.
5. If a fault is reported and an authorised Stevie agent attends to the EV charger, a service call fee will be charged to the customer IF there is no fault found with the EV charger or the fault transpires to have been caused by misuse or incorrect installation. You will be notified of our current rates prior to the service call taking place.
6. Stevie retains the right to invalidate the warranty in the event of physical or verbal abuse towards any member of staff.
7. The provision of services under the warranty neither extends the term of the warranty nor sets in motion a new warranty period. The warranty remains effective from the date of delivery.

What does my warranty cover?

- Defects in materials and/or workmanship.
- Parts, defined as mechanical/electrical parts only.
- Breakage to a recognised weak point within the charger.

What does my warranty NOT cover?

- Misuse, abuse, negligence, acts of nature, accident, disassembling or modification of, or to any part of, the product.
- Removal or any tampering with the factory-applied warranty label.
- Damage due to improper operation, maintenance or installation, or attempted repair by anyone other than an authorised Stevie-appointed professional. Any unauthorised repairs will void this warranty.

What is not guaranteed?

- Damage by transport, misuse or improper installation and assembly.
- Use of parts not recommended by Stevie.
- Routine maintenance, wear-and-tear, installation faults.
- Consumables and cosmetic parts, (e.g. front fascia panel, cable holder).
- Second-hand or refurbished EV chargers.
- Faults due to accidental damage or misuse.
- Claims in respect of compensation of consequential loss, except where such liability is legally mandatory.
- Damage caused by the EV charger coming into contact with unsuitable materials.

Warranty

Manufacturer: JPL EV Limited, Church Close Business Park, Todber, Sturminster Newton, Dorset DT10 1JH.

Warning

Ensure that all electrical connections are properly made and in accordance with the manufacturer's instructions.

- Do not continue to operate the EV charger if you are in any doubt about it working normally, or if it is damaged in any way. Disconnect from the mains and consult your dealer.
- Do not allow electrical equipment to be exposed to rain or moisture.
- Never push anything into holes, slots or any other opening on your EV charger as this could result in fatal electrical shock.
- Never guess or take chances with electrical equipment.
- Radio interference can be generated by any device that emits electromagnetic signals. This can cause interference from overlapping radio waves from different devices. Medical devices in particular can be affected in their function. Do not use the device in places where the use of radio equipment is prohibited. Follow advice and instructions from authorised persons to switch off radio equipment. If you use medical devices such as a pacemaker, contact the manufacturer of this device and find out about the extent to which it is resistant to external high-frequency energy. If necessary, keep the minimum distance recommended by medical device manufacturers (e.g. 50 cm).
- Radio waves can cause fire or explosions under unfavourable circumstances. Do not use the device near explosive atmospheres, flammable gases and blasting sites. This also includes areas where the air contains chemicals or dust particles (e.g. grain or metal). Follow existing instructions for switching off electronic equipment in these environments to avoid interference with the blasting and ignition systems.

How To Claim

If the Stevie charger develops a fault, you must first report this to your installer, if the installer confirms the fault then the faulty unit must be returned to the place of purchase and reported to JPL EV Limited Customer Service Team where a returns reference number will be allocated (this number will be required when returning the unit to the place of purchase).

Please have available the following:

- The Stevie Charge Point model number (on the label underneath the front fascia)
- Serial number (on the label underneath the front fascia)
- Proof of ownership date
- Contact details of the installer when reporting

At the discretion of JPL EV Limited, the installer's call out charge will be covered for both removal of the faulty Stevie Charge Point and refitting of the new charger, the reimbursement call-out charge instructions will be emailed to the installer.

Is The Warranty Transferable

The warranty can usually be transferred to a new owner/ resident of the property should you sell your house or move and choose to leave your Stevie Charge Point behind. There is an administration charge to cover updating the records, please contact our Customer Service Team to arrange this.

Limitation of Liability

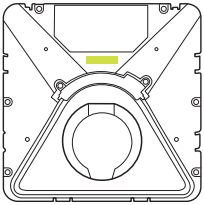
In no event will JPL EV Limited accept any liability for any loss, costs or consequential damage due to the use and/ or misuse of our hardware or software products except where this is caused by our negligence.

Stevie® Charge Point Serial Number

IMPORTANT:

Do not lose this Stevie® Charge Point serial number

- This serial number is unique to your Stevie® charger.
- It will be needed to re-activate your Stevie® should the need for re-activation arise.
- Should you decide to sell your Stevie® Charge Point or your property with the Stevie® Charge Point, please ensure that this unique serial number is passed on to the new owner as they will need it to activate the Stevie® Charger and make their own.



Due to the importance of this serial number we have placed copies in the following areas of the Stevie® charger and packaging:

1) On the Main Box underneath the Fascia
2) On the Product label on the side of the original packaging
3) In the top left hand corner of this page.

Available on the App Store

GET IT ON Google Play

Download the Stevie Installer App.

Download the Monta App.

JPL EV Limited,
Units 1 & 2, Church Close Business Park,
Church Close,
Todber, Sturminster Newton,
Dorset DT10 1JH. England.

Customers Service:
Tel: +44 (0)1258 822514
E-mail: sales@steviechargers.com

JPL EV B.V.,
John M. Keynesplein 10,
1066EP Amsterdam,
Netherlands

Customers Service:
Tel: +31 35-808-0201
E-mail: sales@steviechargers.com

Installers Details
The contact details of your installer can be found on page 3 of this guide.

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20 PAP

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