



# Porsche Mobile Charger Connect

Good to know – Driver's Manual

06/2023

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Porscheplatz 1

70435 Stuttgart

Germany

### Driver's Manual

Always keep this operating manual and hand it over to the new owner if you sell your charger.

Due to different requirements in various countries, the information in the thumb index tabs of this manual will be different. To ensure that you are

reading the thumb index tab that applies to your country, compare the article number of the charger shown in the “Technical Data” section with the article number on the identification plate on the charger.

### Suggestions

Do you have any questions, suggestions or ideas regarding your vehicle or this manual?

Please write to us:

Dr. Ing. h.c. F. Porsche AG

Vertrieb Customer Relations

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70435 Stuttgart

Germany

### Equipment

Because our vehicles undergo continuous development, equipment and specifications may not be as illustrated or described by Porsche in this

manual. Items of equipment are not always according to the standard scope of delivery or country-specific vehicle equipment

For more information on retrofit equipment, please contact a qualified specialist workshop. Porsche recommends a Porsche partner as they have trained workshop personnel and the necessary parts and tools.

Because of different legal requirements in individual countries, the equipment in your vehicle may vary from what is described in this manual. If your Porsche is fitted with any equipment not described in this manual, your qualified specialist workshop will be glad to provide information on the correct operation and care of the items concerned.

# About this Owner's Manual

## Warning notices and symbols

Various types of Warning notices and symbols are used in this Driver's Manual.



Serious injury or death

Failure to observe Warning notices in the "Danger" category will result in serious injury or death.



Possible serious injury or death

Failure to observe Warning notices in the "Warning" category can result in serious injury or death.



Possible moderate or minor injury

Failure to observe Warning notices in the "Caution" category can result in moderate or minor injuries.

## NOTICE

Possible vehicle damage

Failure to observe Warning notices in the "Notice" category can result in damage to the vehicle.



## Information

Additional information is indicated by "Information".

- ✓ Conditions that must be met in order to use a function.
- ▶ Instruction that you must follow.

1. If an instruction comprises several steps, these are numbered.

2. Instructions that you must follow on the central display.

▶ Notice on where you can find further important information on a topic.

## Further Information

You can access the full Driver's Manual at the following web address:

<https://tinyurl.com/porsche-e-help>



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## To the Driver's Manual

### Key to pictograms

Depending on the country, various pictograms may be attached to the charger.



Operate the charger within a temperature range from -30°C to +50°C.



The charger should not be operated at altitudes of more than 5,000 m above sea level.



The charger is equipped with a non-switched protective conductor.



The charger is equipped with a switched protective conductor.



Dispose of the charger in compliance with all applicable disposal regulations.



Do not use extension cables or cable reels.



Do not use (travel) adapters.



Do not use multiple sockets.



Do not use chargers with damaged electronics or connecting cables.



Risk of electric shock due to improper use.



Observe the Driver's Manual provided, particularly the warnings and safety instructions.



The surface of the charger can become very hot.



Do not operate the charger in non-earthed mains supply systems (e.g. IT networks). Operate the charger only in earthed mains supply systems.



The charger must be supplied with alternating current.



Indicates the type 1 plug with a voltage range  $\leq 250$  VAC.



Indicates the type 2 plug with a voltage range  $\leq 480$  VAC.

## Data privacy information

To ensure that your Porsche charging equipment is communicating correctly and is always up-to-date, Porsche collects and processes the following encrypted device-specific data from the charging equipment at regular intervals: device ID, brand, generation, device type and software version.

If you would also like to have the option of using other Porsche Connect services for the charging equipment, you must pair your charging equipment to your Porsche ID account, which is available from the Porsche Connect distributor in selected markets. While using Porsche Connect services, Porsche collects and processes the following personal details and other device-specific data in order to provide and render these services: customer identification, statistics, charging process information, status, connection status and time stamp of when communication was last established. You will find further information about the general terms and conditions of business and the data privacy policy at [www.porsche.com/connect-store](http://www.porsche.com/connect-store).

Regular data transfer from your charging equipment can incur additional costs with your Internet service provider. Your data stored at Porsche can be permanently deleted using My Porsche. Due to technical or legal restrictions, some of the Porsche Connect services on the Porsche charging equipment are not available in all countries.

## Further Information

You will find further information on the charger and the Web Application in the "E-Performance" area at <https://www.porsche.com>.

## Security

### Safety instructions

#### ⚠ DANGER

Electric shock, short circuit, fire, explosion

Use of a damaged or defective charger and a damaged or defective electrical socket, improper use of the charger or failure to observe the safety instructions can cause short circuits, electric shocks, explosions, fires or burns.

- ▶ Only use accessories, e.g. power supply and vehicle cables, that have been approved and supplied by Porsche.
- ▶ Do not use a damaged and/or soiled charger. Check the cable and plug connection for damage and soiling before use.
- ▶ Only connect the charger to properly installed and undamaged electrical sockets and fault-free electrical installations.
- ▶ Do not use extension cables, cable reels, multiple sockets or (travel) adapters.
- ▶ Disconnect the charger from the mains supply during thunderstorms.
- ▶ Do not modify or repair any of the electrical components.
- ▶ Have faults corrected and repairs performed by experts only.

#### ⚠ DANGER

Electric shock, fire

Incorrectly installed electrical sockets can cause electric shock or fire when the high-voltage battery is charged using the vehicle charge port.

- ▶ Power supply testing and installation and initial operation of the electrical socket for the charger must only be carried out by a qualified electrician. This person is fully responsible for compliance with the relevant standards and regulations. Porsche recommends that you use a certified Porsche service partner.
- ▶ The cross-section of the power cable for the electrical socket must be defined in accordance with the wire length and the locally applicable regulations and standards.
- ▶ The electrical socket used for charging must be connected to a separately fused electric circuit that complies with local laws and standards.
- ▶ The charger is intended for use in private and semi-public areas, e.g. private properties or company car parks. In some countries, e.g. in Italy and New Zealand, mode 2 charging is **prohibited** in public areas.
- ▶ Unauthorised persons (e.g. playing children) or animals must not have access to the charger and the vehicle during unsupervised charging.
  - ▷ Always read the safety instructions in the installation manual and the Driver's Manual.

#### ⚠ DANGER

Electric shock, fire

Incorrect handling of the plug contacts can lead to electric shock or fire.

- ▶ Do not touch the contacts on the vehicle charge port and charger.
- ▶ Do not insert any objects into the vehicle charge port or charger.
- ▶ Protect electrical sockets and plug connections against moisture, water and other liquids.

#### ⚠ WARNING

Flammable or explosive vapours

Components of the charger can cause sparks and ignite flammable or explosive vapours.

- ▶ To reduce the risk of explosion – particularly in garages – make sure that the control unit is located at least 50 cm above the floor during charging.
- ▶ Do not install the charger in potentially explosive atmospheres.

To fulfil the requirements limiting exposure to electromagnetic radiation (1999/519/EC), install the charger with a minimum distance from all persons of 20 cm.

Observe the following instructions and recommendations in order to guarantee uninterrupted charging with the charger:

- When installing a new electrical socket, select an industrial electrical outlet with the highest possible power available (adapted to the domestic electric installation) and have it put into op-

eration by a qualified electrician. Porsche recommends that you use a certified Porsche service partner.

- Where technically possible and legally permissible, the electric installation must be dimensioned in such a way that the maximum nominal power of the electrical socket used is available for charging the vehicle.
- Before installation, check that the necessary power for charging a vehicle can be continuously provided with the currently available domestic installation. If necessary, protect the domestic installation with an energy management system.
- The charger should preferably be operated in earthed mains supply systems. The protective conductor lead must be properly installed.
- If you are unsure about the electrical domestic installation, contact a qualified electrician. Porsche recommends that you use a certified Porsche service partner.
- If you intend to use the charger with a photovoltaic system, contact a Porsche partner .
- In order to make full use of the charger and to ensure fast vehicle charging, use either NEMA electrical sockets with the highest possible current rating appropriate for the power plug or industrial electrical outlets to IEC 60309.
- When charging the high-voltage battery via the household/industrial electrical outlet, the electrical installation may be loaded to its maximum capacity. Porsche recommends that you have electrical installations used for charging checked regularly by a qualified electrician. Ask a qualified

electrician which inspection intervals are appropriate for your installation. Porsche recommends that you use a certified Porsche service partner.

- To prevent overheating of the electrical installation, the charging current for household cables is automatically limited on delivery. Have a qualified electrician bring the charger into operation and set the charging current limit as required for the domestic installation.
  - Refer to chapter "Charging current limiting" on page 20.

## Proper use

Charger with integrated control and protection for the mode 2 charging to charge vehicles with high-voltage batteries that meet the generally applicable standards and directives for electric vehicles.

- Always use the appropriate device version for the local mains supply.
  - Refer to chapter "Technical Data" on page 34.

The charger may only be used in combination with supply cable, control panel and vehicle cable.

It is suitable for use outdoors.

- ✓ Norway:

Mobile chargers must only be used for occasional charging. For indicated charging points, a fixed installation by a qualified electrician is required.

## Scope of delivery

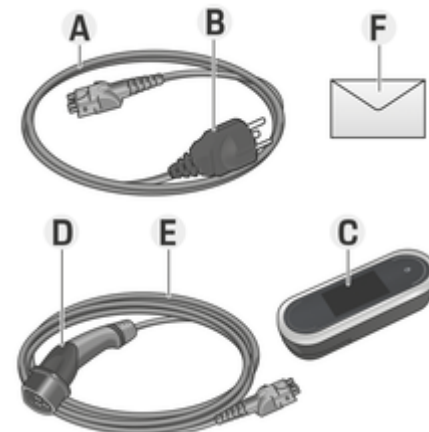


Fig. 1: Scope of delivery

- A** Supply cables (detachable from control panel)
- B** Power plug for connecting to the mains supply
- C** Control panel
- D** Vehicle plug (connector plug for the vehicle)
- E** Vehicle cable (country-specific: either replaceable or fixed to the control panel)
- F** Letter containing access data

### **i** Information

Optional components: Various wall mounts are available for the charger, depending on country, e.g. the basic wall mount or the charging dock.

### Access data

A letter containing access data, which contains all the data you need for the charger and the Web Application, is supplied with your device.

- ▶ Keep the letter containing access data in a safe place.

#### Information

If you lose the access data that is valid upon delivery of your device, e.g. the preset PIN and the initial password, please contact your Porsche partner.

- Have the serial number of the charger ready.
  - ▶ Refer to chapter "Serial number of the charger" on page 6.

The letter with the access data contains the following data:

Designation	Meaning
Serial Number	Serial number of the charger
Wi-Fi MAC	MAC address of WiFi interface
GRID MAC	MAC address of domestic PLC interface
Vehicle MAC	MAC address of vehicle PLC interface
Wi-Fi SSID	<ul style="list-style-type: none"> <li>– SSID of WiFi access point</li> <li>– Host name</li> </ul>
Wi-Fi PSK	Network key

Designation	Meaning
Password for home user	Initial Home user password for the web application
Password customer service	Initial password for Customer Service web application
PIN	Personal Identification number
PUK	Personal unlocking key

#### Information

The **host name** comprises the following components:

Charger+ serial number (example: MobileCharger-Connect-1234567)

#### Information

The security field contains the necessary access codes (PIN and PUK). This field has a special colour covering these codes. The codes are only visible when this field is dampened in running water.

Do not rub or scratch the field while dampening it, as the codes could also be damaged.

### PIN and PUK

The PIN and PUK are used for unlocking the charger.

- ▶ If you lose or forget a PIN you set yourself, unlock the charger by entering the PUK and set a new PIN.
- ▶ If you lose or forget the PUK, contact your Porsche partner.


### Password for web application

The password is used for logging into the Web Application.

When using the initial password:


- ▶ If you lose or forget the initial password, contact your Porsche partner.

When using a password you set yourself:

- ▶ If you lose or forget a password you set yourself, reset the charger to factory settings and re-activate the initial password (**Settings**  **▶ Factory settings**)

### Serial number of the charger

The serial number of the charger can be found in the following places:

- In the letter containing access data after the designation Serial Number
- On the identification plate (on the back of the control panel) after the abbreviation SNSN
- On the high-voltage charger: **Settings**  **▶ Maintenance** **▶ Device information**
- In the Web Application: **Settings** **▶ Maintenance** **▶ Information**

### Porsche ID

When the charger is paired to your Porsche ID, information about the charger and the charging processes can be displayed in My Porsche and in the Porsche Connect App.



If you will no longer be using the charger, e.g. if you sell it:

1. Unpair the charger from your PorscheID (**Settings** ⚙️ ► **User profiles**).
2. Reset the charger to factory settings (**Settings** ⚙️ ► **Factory settings**).

## Overview

### Connections on the control unit

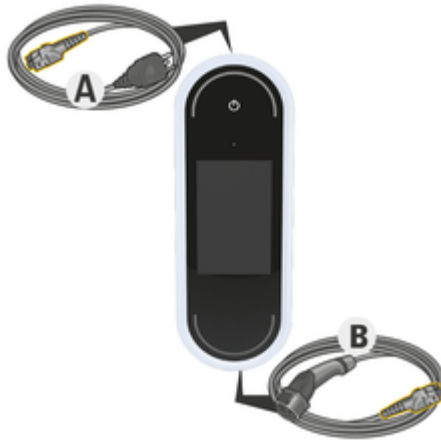


Fig. 2: Connections on the control unit

- |          |               |
|----------|---------------|
| <b>A</b> | Supply cable  |
| <b>B</b> | Vehicle cable |

The supply cable **A** can be removed and inserted at the top of the control unit.

The vehicle cable **B** is removed and inserted at the bottom of the control unit.

### Charger control unit

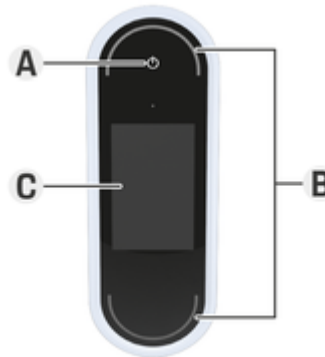


Fig. 3: Control unit

- |          |                |
|----------|----------------|
| <b>A</b> | Power button ⏻ |
| <b>B</b> | Status LEDs ○  |
| <b>C</b> | Display        |

The charger can be switched on and off using the Power button **A** (Fig. 3).

The status LEDs **B** (Fig. 3) show the status of the charger.

Communication with the charger is shown on the display **C** (Fig. 3) in the form of information and error messages.

### Display panel displays and controls

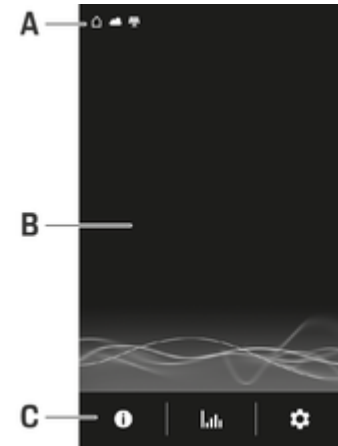









Fig. 4: Charger display

- |          |                  |
|----------|------------------|
| <b>A</b> | Status bar       |
| <b>B</b> | Information area |
| <b>C</b> | Menu bar         |

A brightness sensor controls the brightness of the display. The brightness adapts automatically to the ambient lighting conditions.





#### Status bar

Various symbols can be displayed in the status bar. The following overview shows the meaning of the symbols in the status bar.

Symbol	Meaning
	WiFi connection available
	Server connection available
	Downloading software
	Connection to PLC network available
	Hotspot activated
	A charging profile is activated in the vehicle. This profile is loaded in accordance with the settings.
	Photovoltaic system connected

## Menu bar

Various symbols can be displayed in the menu bar. The following overview shows the meaning of the symbols in the menu bar.

Symbol	Meaning
	Display information about the current charging process
	Display charging history
	Configuring settings
	A software update is available.

## Control options

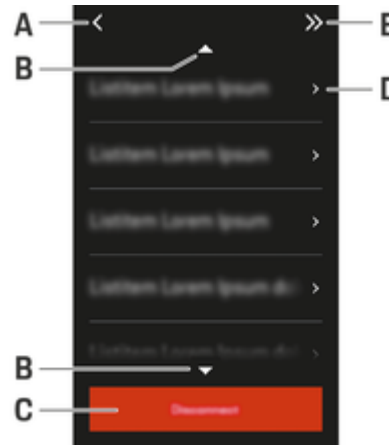


Fig. 5: Control options

- A** Back
- B** Up/Down

- C** Activity
- D** Details
- E** Skip

## Requirements and conditions

### Selecting the installation location

**⚠ DANGER** Electric shock, fire

Improper use of the charger or non-compliance with the safety instructions may result in short circuits, electric shocks, explosions, fire or burns.

- ▶ Do not install the basic wall mount or the charging dock in potentially explosive areas.
- ▶ Before installing the basic wall mount or the charging dock, make sure that there are no electric cables in the vicinity of the mounting holes to be drilled.
- ▶ To reduce the risk of explosion - particularly in garages - make sure that the control unit is located at least 50 cm above the floor during charging.
- ▶ Observe the locally applicable electrical installation regulations, fire protection measures, accident prevention regulations and escape routes.

The standard wall mount and charging dock are designed for indoor or outdoor installation. The following criteria must be considered when selecting a suitable installation location:

- Ideally, install the electrical socket or supply line, the standard wall mount or charging dock in a covered area protected from direct sunlight and rain (e.g. inside a garage).
- The distance of the electrical socket from the floor and ceiling should be selected in compliance with national regulations and standards to ensure comfortable use.
- Do not install the standard wall mount or charging dock under suspended or hanging objects.
- Do not install the standard wall mount or charging dock in stables, livestock buildings or places where ammonia gases occur.
- Install the standard wall mount or charging dock on a smooth surface.
- To ensure secure fastening, check the wall condition before installing.
- Install the standard wall mount or charging dock as close as possible to the preferred vehicle parking position. Consider the orientation of the vehicle.
- Install the standard wall mount or charging dock so that it is not near pathways and the supply cables do not cross any pathways.
- Install the standard wall mount or charging dock so the distance between the power plug and power socket does not exceed the length of the available supply cable.

## Required tools

- Level
- Power drill or power hammer
- Screwdriver

## Installing Installing the wall mount Installing the basic wall mount

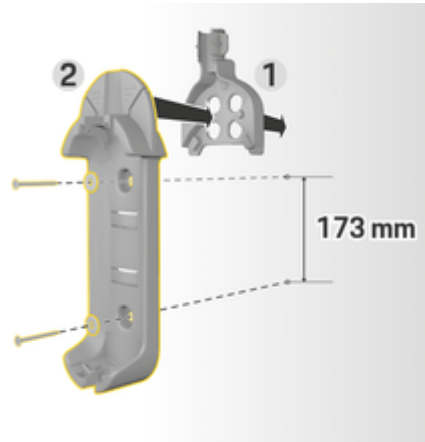


Fig. 6: Drilling dimensions

1. Mark the drill holes on the wall.
2. Drill the mounting holes and insert dowels.
3. Press the standard wall mount 2 (Fig. 6) into the cable guide 1 (Fig. 6) from the front.
4. Screw the basic wall mount onto the wall.

### **i** Information

Attach the wall mount at a height of at least 1 m.

## Installing the connector fastener

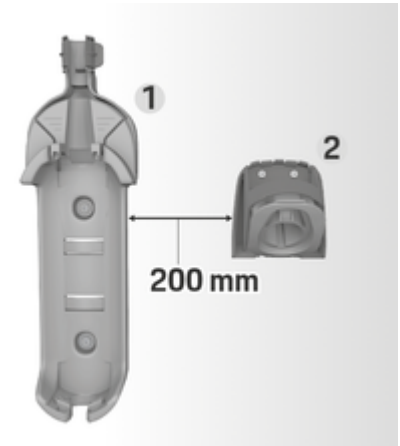


Fig. 7: Distance between wall mount and connector fastener

When installing the connector fastener, ensure a distance of 200 mm from the basic wall mount.

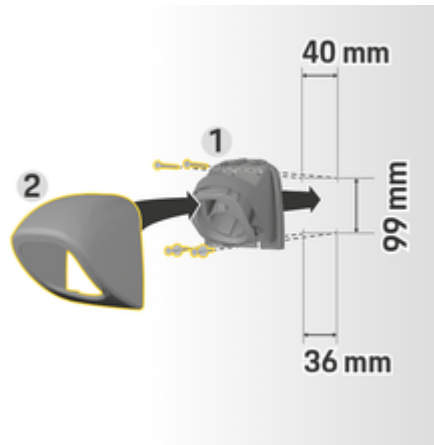


Fig. 8: Drilling dimensions

1. Remove the connector fastener 1 (Fig. 8) from the cover 2 (Fig. 8).
2. Mark the drill holes on the wall.
3. Drill the mounting holes and insert wall plugs.
4. Screw the connector fastener 1 (Fig. 8) onto the wall.
5. Fit the cover 2 (Fig. 8) onto the connector fastener 1 (Fig. 8) from below and push up.

## Attaching the control unit to the wall mount



Fig. 9: Attaching the control unit

1. Route the vehicle cable through the lower opening of the basic wall mount, place the bottom of the control unit on the locking tab and push back to engage.
2. Guide the supply cable through the upper opening in the basic wall mount and lock the circlip by pushing it to the left.
3. Insert the vehicle plug in the connector fastener.

## Installation without spacer

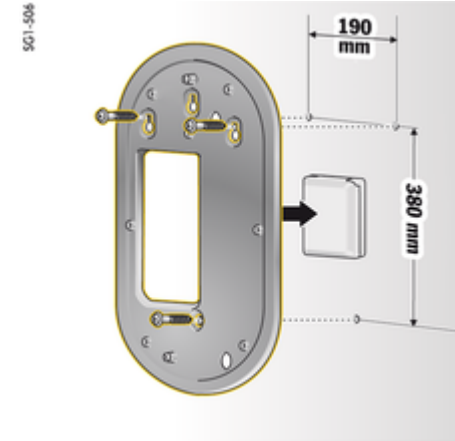


Fig. 10: Drilling dimensions

1. Mark the drill holes on the wall.
2. Drill the mounting holes and insert wall plugs.
3. Screw the assembly plate to the wall.

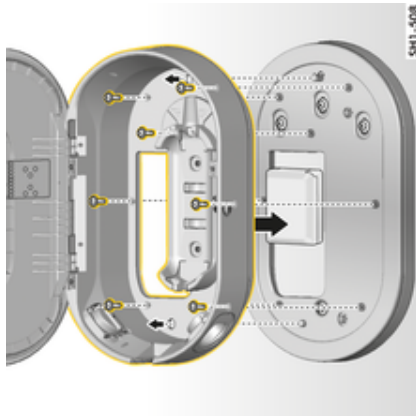


Fig. 11: Screwing charging dock to assembly plate

4. Screw the charging dock to the assembly plate.

### Installation with spacer

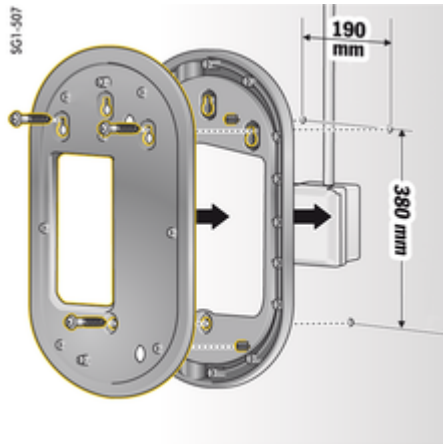


Fig. 12: Drilling dimensions

1. Mark the drill holes on the wall.
2. Drill the mounting holes and insert wall plugs.
3. Screw the assembly plate and spacer to the wall.

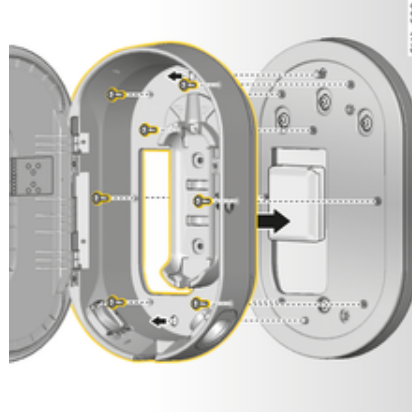


Fig. 13: Screwing charging dock to assembly plate

4. Screw the charging dock to the assembly plate.

## Set up

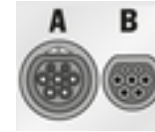
### Vehicle charging cables and supply cables

#### Information on vehicle charging cables and connectors

Different vehicle charge ports **A** and vehicle plugs **B** are available depending on the vehicle equipment.



IEC 62196-2/  
SAE-J1772-2009  
Type 1 UL/IEC



IEC 62196-2  
Type 2



GB/T 20234.2  
Type GB

### Selecting a Supply Cable

For regular charging with optimum charging speed, use only the supply cables listed below. The maximum achievable charging power is up to 22 kW (depending on the device type, power supply/household connection and on-board charger). When driving abroad, always carry the appropriate supply cable with you for use in the country you are visiting.

#### NOTICE

Use only supply cables approved for the country you are in. The following supply cables are approved for specific countries and are defined in the tables below.

Country	Supply cable	Supply cables for household electrical outlets
Russia, Ukraine	5, 6, 7, 8	C
Abu Dhabi, Israel, Singapore	5, 6, 7, 8	Charging not permitted at household electrical outlets
Argentina	5, 6, 7, 8	C
Bolivia, Paraguay, Uruguay, St. Martin, St. Martin	5, 6, 7, 8	B
Chile	5, 6, 7, 8	D
Peru	5, 6, 7, 8	A

Country-specific approval of Supply cables (examples)

The vehicle cable can be 2.5 or 7.5 metres long, depending on the circumstances. In some countries, the total length of the supply cable, control panel and vehicle cable is restricted, e.g. to 5 metres in Switzerland and 7.5 metres in Israel and the USA.<sup>1)</sup>

### Supply cables for industrial electrical outlets



**1**  
NEMA 14-30



**2**  
NEMA 14-50



**3**  
NEMA 6-30



**4**  
NEMA 6-50



**5**  
IEC 60309-2  
CEE 230 V/16 A  
6 h



**6**  
IEC 60309-2  
CEE 230 V/32 A  
6 h



**7**  
IEC 60309-2  
CEE 400 V/16 A  
6 h



**8**  
IEC 60309-2  
CEE 400 V/32 A  
6 h



**9**  
WCZ8 20 A

1. Time of printing. Further information is available from your Porsche partner or your local electricity supplier.

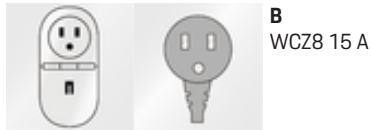
## Supply cables for household electrical outlets

If there is no industrial electrical outlet available, the supply cables listed below can also be used for charging with a reduced charging power.

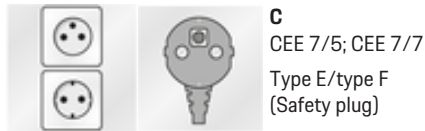
- ▶ In some countries, e.g. in Abu Dhabi, Israel, Singapore and India<sup>1</sup>, charging from household electrical outlets is **prohibited**.



**A**  
NEMA 5-15  
Type B<sup>2</sup>



**B**  
WCZ8 15 A



**C**  
CEE 7/5; CEE 7/7  
Type E/type F  
(Safety plug)



**D**  
BS 1363-1/EV  
Type G



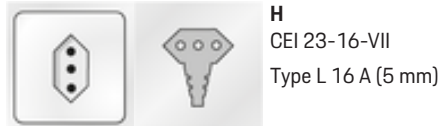
**E**  
AS 3112  
Type I



**F**  
SEV 1011 / SEV  
441011  
Type J



**G**  
DS 60884-2-D1  
Type K



**H**  
CEI 23-16-VII  
Type L 16 A (5 mm)



**I**  
IA6A3 (BS 546)  
Type M

## NEMA 6-50 / NEMA 14-50 (additional information)

### Information

#### Scope

This usage recommendation applies only to regions with NEMA 6-50 / NEMA 14-50 standard.

Charging your vehicle may result in high electric currents. For safety reasons, it is absolutely essential that you use only components approved for this and that the entire charging equipment is installed correctly.

#### General safety instructions



**DANGER** Electric shock and fire!

Incorrect use of the charging equipment and failure to observe the installation and safety instructions can lead to a short circuit, electric shock, explosion, fire or burns.

- ▶ Pay attention to the installation instructions in the charging equipment manual.
- ▶ Pay particular attention to all safety and warning notices there.
- ▶ Have the installation carried out by a person with the necessary electrical training and specialist knowledge.
- ▶ Also observe the national regulations for carrying out electrical installations.

1. Time of printing. Further information is available from your Porsche partner or your local electricity supplier.

2. for Mexico: 12 A

## Power socket requirements



**DANGER**

Unsuitable mains sockets

An unsuitable mains socket can cause a short circuit, electric shock, explosion, fire, or burns.

- ▶ Only use only a type of mains socket that is suitable for this installation (see **Suitable types of mains sockets/power plugs**).
- ▶ Only use mains sockets that meet the requirements for the quality of contact surfaces and fastening (see **Requirements for the quality of mains sockets**).
- ▶ Avoid direct contact between the terminal screws and the wire. Preferably, use wire end ferrules.
- ▶ Avoid jamming the cable on the insulation.

## Suitable mains socket/power plug types

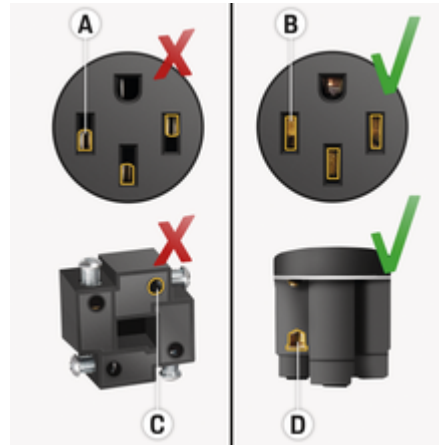


NEMA 6-50  
Socket/connector



NEMA 14-50  
Socket/connector

## Mains sockets quality requirements



- A** Contact surface only half plug contact height
- B** Contact surface over the entire plug-in contact height
- C** Small contact surface between clamping screw and strand.
- D** Broad surface contact area between between clamping plate and strand

## Line installation requirements



**DANGER**

Unsuitable power cable

The use of unsuitable power cables or excessive electrical currents can cause a short circuit, electric shock, explosion, fire or burns.

- ▶ The cable must have a 50-amp fuse.
- ▶ Only use copper cables with a minimum cross-section of 8 AWG, or preferably 6 AWG.

## Outdoor installation requirements



**DANGER**

Direct contact with rain

If the charging equipment is used outdoors, direct contact with rain can cause a short circuit, electric shock, explosion, fire or burns.

- ▶ Prevent the charging equipment from coming into direct contact with rain.
- ▶ Use a NEMA 3R rainproof enclosure.

## Changing supply cables and vehicle cables



**DANGER**

Electric shock

Risk of serious or fatal injury from electric shock.

- ▶ Before changing the supply cable, always unplug the supply cable from the electrical socket and disconnect the vehicle cable from the vehicle charge port.
  - ▶ Only change cables in a dry environment.
  - ▶ Use only cables approved by Porsche.
- ▶ Refer to chapter "Scope of delivery" on page 5.

In some countries, e.g. in Norway, Italy, Portugal and Spain<sup>1</sup>, the supply cable may only be changed by a qualified electrician. Porsche recommends that you use a certified Porsche service partner.

1. Time of printing. Further information is available from your Porsche partner or your local electricity supplier.





Fig. 14: Connections on the control panel

The supply cable **A** can be released and inserted at the top of the control panel.

The vehicle cable **B** is released and inserted at the bottom of the control panel.

### Releasing cable

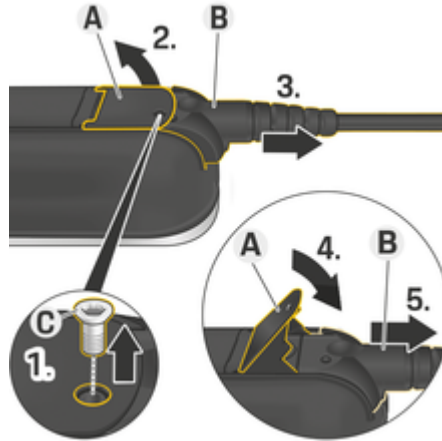


Fig. 15: Releasing cable

- ✓ Charging process of the high-voltage battery has ended and the vehicle plug has been removed from the vehicle charge port.
- ✓ The plug has been disconnected from the electrical socket.

1. Remove screw **C** (Fig. 15) using a suitable tool.
2. Lift the lever **A** (Fig. 15).
3. Pull out plug **B** (Fig. 15) until resistance is first felt.
4. Close the lever **A** (Fig. 15).
5. Pull out plug **B** (Fig. 15) fully.

### Securing Cables

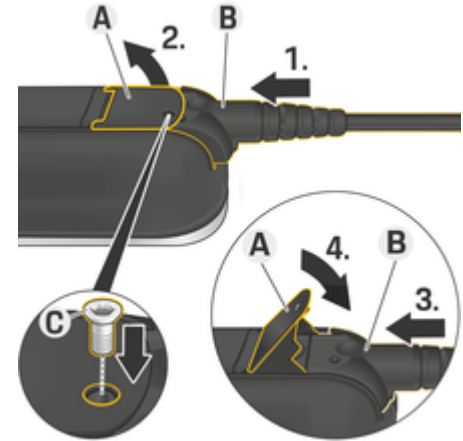


Fig. 16: Connecting cable and securing plug

- ✓ The lever **A** (Fig. 16) is closed.


1. Insert plug **B** (Fig. 16) into the control panel until resistance is first felt.
2. Lift the lever **A** (Fig. 16).
3. Push in plug **B** (Fig. 16) fully.
4. Close the lever **A** (Fig. 16).
5. Secure plug **B** (Fig. 16) to the control panel with the **C** (Fig. 16) screw.

## Initial operation and configuration

### Start-up

Configure the following settings before starting to use the charger for the first time.

#### Information

- Options marked **Skip** can be skipped. A setting is not configured in this case.
- Settings can be changed on the display at any time .

### Language and country

1. Select the required language from the list. Confirm selection.
2. Select the required country from the list.
3. Confirm the selected language and country.

### Data transmission

- ▶ Read and confirm instructions for transferring data.

### Software updates

In order to guarantee the full functionality and reliable operation of the charger, the latest software must always be installed.

- ▶ Select and confirm settings for the automatic software update.

**On** The charger checks whether software updates are available and downloads them automatically.

The installation can then be started directly or postponed to a later time.

**Off** The charger checks whether software updates are available and displays a corresponding message. The download can then be started manually.

Once the download is complete, the installation can then be started directly or postponed to a later time.

If an Internet connection with the charger cannot be established, software updates can also be downloaded manually via the web address in the **E-Performance** area at <https://www.porsche.com> and installed via the web application.

### Selecting a network

Select the option for connecting to a home network. This option can be skipped using **Skip**. In this case, no connection to a home network is established. If the charger is connected to an existing home network, advanced functions and information are available. The connection can be made via WiFi or a Powerline Communication network (PLC network). If no home network is available, a hotspot can be set up on the charger.

#### Information


Public WiFi networks without password protection are not supported and cannot be used.

### Connection via WiFi

1. Select **WiFi**.
2. Select the home network from the list of detected WiFi networks.
3. Enter and confirm your password.

### Connection via PLC pairing button


1. Select **PLC linking button**.
2. Start the connection process on the PLC modem. Confirm by pressing **OK** on the charger.  
Once the setup is connected, confirm with **Connect**.
  - ➔ The connection to the PLC network is active.

If a connection to the PLC network is established, the  symbol will be displayed in the status bar.

### Connection via PLC security code

A device containing the control software for the PLC network must be used for this method.

1. To establish a connection to a PLC network using the security code, select **PLC security code**.
  - ➔ The security code appears on the display.
2. Enter the security code in the relevant menu of the control software for the PLC network to integrate the charger in the PLC network.
  - ➔ The connection to the PLC network is active.

If a connection to the PLC network is established, the  symbol will be displayed in the status bar.

#### Information

PLC characteristics:

- Separate interfaces to the vehicle and to the infrastructure
- PLC to IEEE P1901
- Home Plug AV
- Encryption: 128-bit AES
- Frequency band: 2-30 MHz

## User Profiles (Pairing Porsche ID)

When the charger is linked with your Porsche ID, information about the charger and charging processes can be displayed in My Porsche (web and app).

### To link the charger with your Porsche ID:

- ▶ Open the website specified on the charger display in the browser of your device or open the My Porsche app and enter the user code.
  - or –
  - Scan the QR code displayed on the charger. The following options are available for scanning the QR code:
    - Use the camera on your device (iOS 11 or higher, different for Android).
    - Use a QR code scanning app.

If the charger has been linked successfully, the Set-up assistant moves on to the next step.

## Connecting the energy manager

If an energy manager is available, you can establish a connection to it. The energy manager then assumes control of the charging process.

- ▶ For instructions for connecting, refer to the energy manager operating manual.

If there is no energy manager available, the vehicle will be charged at the charging current entered on the charger:


### ▶ Settings ▶ Adapt charging current

- ▶ Refer to chapter "Adapt charging current" on page 17.

## Hotspot

If integration in a home network is not possible, the charger can activate a hotspot and use this to establish a connection to the Web Application of the charger.

- ▶ To establish a hotspot, click **Activate hotspot**.

Once a hotspot has been established, the  symbol appears in the status bar.

### Information

If you use an Android system, you may need to confirm separately that the connection has been established, so that a hotspot connection can be established.

## Adapt charging current

If no energy manager is available in the home network, the maximum permitted charging current for the charger can be set here.

The displayed maximum value is determined by the types of cable that are connected.

- ▶ Set the charging current to the maximum value available in the mains supply used for the charger. Use **Plus** and **Minus** to do this.
- ▶ Refer to chapter "Charging current limiting" on page 20.

## Device protection

To prevent an unauthorised vehicle from being connected to the charger, a PIN prompt can be set up.

1. To activate the PIN prompt, select **On**.
2. Enter a 4-digit PIN and confirm.

3. Enter the PIN again and confirm.
  - ➔ Activation of the PIN prompt is confirmed.

## Completing installation

- ▶ Using the **Review**, check the settings you entered and complete the installation.

## Starting with the web application

Before the charger and the Web Application can be used for daily use, the first step is to set up the charger. A connection must then be established between the device (PC, tablet or smartphone) and the charger.

### Requirements for initial start-up in the web application

The following information should be available for the first application of the Web Application :

- Access data letter of the Porsche Mobile Charger Connect for logging on to the Web Application of the charger
- Access data for your home network
- Access data for your user profile (to link it with your Porsche ID)

The web application supports the following browsers:

- Google Chrome version 57 or later (recommended)
- Mozilla Firefox version 52 or later (recommended)
- Microsoft Internet Explorer version 11 or later
- Microsoft Edge
- Apple Safari version 10 or later

## Logging into the charger

### **i** Information

You will find the data for logging into the charger in the enclosed letter containing access data. The security field contains the access codes (PIN and PUK). This field has special ink covering these codes.

The codes are only visible when this field is moistened in running water.

Do not rub or scratch the field while moistening it, as the codes could also be damaged.

- ✓ The charger is switched on.
  - ✓ The letter containing access data is to hand.
1. Find out the PIN from the letter. To do so, moisten the security field to make the PIN visible.
  2. Enter the PIN.

## Starting setup on the charger

The charger is set up using the setup wizard, which guides you through the steps involved in installation. Setup must be complete before the charger can be used correctly.

► Refer to the Porsche Mobile Charger Connect Operating Manual for details about setting up the charger.

## Overview

The Web Application offers more extensive setting options than the charger.

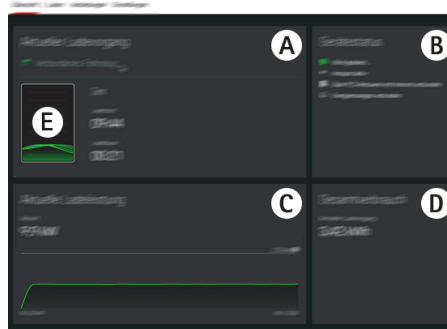


Fig. 17: Dashboard of the web application

### **A** Current charging process

Shows information on the current charging process, such as the start time and duration of charging.

### **B** Device status

Shows information on the device, such as:

- the current charge status
- the network connection used
- the status of the connection to the energy manager (if available)
- whether a software update is available
- deactivated ground monitoring

### **C** Current charging performance

The current flow of electricity [in kilowatts] from the charger to the load.

Characteristic: The curve shows the progress of charging power since the start of charging, and the total energy consumption [in kilowatts].

Select a time on the curve to view the charging point at this time.

### **D** Consumption

The total consumption of energy of the current charging process [in kilowatt hours].

### **E** Charge status

The colour used on the dashboard indicates the charge status of the charger:

- Red: Error message
- Blue: Charging paused
- Green: Vehicle is charging
- White: No vehicle connected to charger

## Operating

### Operating instructions

In some countries, the relevant authorities must be notified when you connect electric vehicle charging equipment.

- Check any obligations to notify the authorities and legal requirements for operation before connecting charging equipment.

### NOTICE

Damage to the charger

- Always place the charger on a solid surface when charging.
- Porsche recommends that you operate the charger in the basic wall mount or in the charging dock. In some countries, e.g. in Switzerland<sup>1</sup>, the charger may only be used in the basic wall mount or in the charging dock.
- Do not immerse the charger in water.
- Protect the charger from snow and ice.

1. Time of printing: Further information is available from your Porsche partner.

- ▶ Handle the charger carefully and protect it from potential damage resulting from being driven over, dropped, pulled, bent or crushed.
- ▶ Do not open the charger housing.

**NOTICE**

Damage to the charger

The charger must only be operated within a temperature range from -30 °C to +50 °C.

- ▶ To prevent overheating during operation, avoid continuous exposure of the charger to direct sunlight. If the charger overheats, charging will be interrupted automatically until the temperature has returned to the normal range.
- ▶ If the charger is too hot or too cold, let it return slowly to the operating temperature range and do not actively cool it down or heat it, e.g. by cooling it down with cold water or heating it with a hairdryer.

**NOTICE**

Charging at high ambient temperatures or under direct sunlight may cause a premature interruption of the charging process. Limiting the charging power can avoid such interruptions. ▶ Refer to chapter "Adapt charging current" on page 17.

## Charge

### Charging instructions

#### Vehicle charge port

For information on connecting and disconnecting the vehicle cable to and from the vehicle charge port and for the charging and connection status at the vehicle charge port:

- ▶ Refer to the Driver's Manual.

**DANGER**

Electric shock, fire

Risk of serious or fatal injury due to fire or electric shock.

- ▶ Always observe the specified order for the charging procedure.
- ▶ Do not unplug the vehicle cable from the vehicle charge port during charging.
- ▶ End the charging process before disconnecting the vehicle cable from the vehicle charge port.
- ▶ Do not disconnect the charger from the electrical socket during charging.

Errors are shown on the display and are indicated by red status LEDs. The error message, the cause and a remedial measure are displayed.

- ▶ Refer to chapter "Malfunctions" on page 30.

#### Charging times

The charging duration can vary depending on the following factors:

- Electrical socket used (household electrical outlet or industrial electrical outlet)
- Country-specific mains voltage and electric current

- Settings for limiting the charging current on the charger
- Fluctuations in the mains voltage
- Ambient temperature of vehicle and charger. Charging times may be longer if the temperature is at the limits of the permitted ambient temperature.
  - ▶ Refer to chapter "Activating and deactivating ground monitoring" on page 21.
- Temperature of the high-voltage battery and control unit
- Passenger compartment precooling/heating activated
- Current-carrying capacity of the power plug and vehicle plug

**i Information**

Due to different national mains supply systems, various cable versions are supplied. This may result in the full charging power not being available. Further information is available from your Porsche partner.

## Starting, pausing and ending charging

### Starting charging

1. Insert the plug into the electrical socket.
  - ⓘ Power button lights up white.
  - Status LEDs light up white.
  - ➡ The display switches on.
2. Insert the vehicle plug in the vehicle charge port.
  - ⓘ Power button lights up white.
  - Status LEDs pulsate white.

For information on connecting the vehicle cable to the vehicle charge port:

  - Refer to the Driver's Manual.
  - ➡ Following a successful self-test and when the connection is established, the status LEDs light up white.
3. Charging starts automatically.
  - ⓘ Power button lights up white.
  - Status LEDs pulsate green.
4. After a few minutes, the charger switches to standby mode.
  - ➡ The vehicle starts charging.

### **i** Information

- Charging is controlled by the vehicle. Charging can only be stopped on the vehicle.
- Unless the charger is in standby mode, the charge status is shown on the display. The display can be switched on again by pressing the Power button ⓘ.
- An overtemperature switch-off feature prevents overheating while charging.

### Pausing charging

Charging is controlled by the vehicle and may occasionally be paused, e.g. to optimise power consumption.

A pause in charging is indicated on the control unit:

- ⓘ Power button lights up white.
  - Status LEDs flash blue.
- The display switches on.

The vehicle starts charging again automatically. Charging can be stopped on the vehicle.

### Ending charging

- ✓ Charging was completed successfully.
  - ⓘ Power button lights up white.
  - Status LEDs light up green.

The display switches on and shows information about the completed charging process. After a few minutes, the charger switches to standby mode.
- Disconnect the vehicle plug from the vehicle charge port.

### Charging current limiting

The control panel detects the voltage and the available current automatically. The charging power can be set using charging current limiting. The last charging current set is saved. To prevent overheating of the electrical installation with household cables, the charging current is limited at delivery to 50% when using household electrical sockets. When using industrial sockets, the charging current is automatically reduced in case of overheating.

If the charger is connected to an energy manager, this limits the charging current according to the settings specified in the energy manager. The maximum available charging current can also be reduced by other electrical loads in the home network, e.g. an electric heating or water heater. Never set the charging power higher than the maximum available power of the electrical circuit used. If you are unsure about this, contact a qualified electrician.

### Plug & Charge

With Plug & Charge, the vehicle can be charged using a suitable charging infrastructure in private and public areas, without the need to manually initialise the charging process on the E-charging station or charger. The charging process is billed automatically on the basis of the contract with the charging provider.

- ✓ Intelligent charging functions on the vehicle enabled.
- ✓ Charging infrastructure suitable for Plug & Charge.
- ✓ Contract with charging provider includes Plug & Charge.

### Private Plug & Charge

If device protection is activated for Mobile Charger Connect, the charging process can only be started by entering the PIN ▸ Refer to chapter "Device protection" on page 17. This is used to protect against external access.

## Vehicle list (register vehicle)

After entering the PIN, a question is asked whether the vehicle should be included in the vehicle list of the Mobile Charger Connect. With consent, a one-time pairing of the vehicle with the Mobile Charger Connect immediately recognises the vehicle after the charging cable is plugged in and the charging process is enabled. For all other charging operations with this vehicle, it is therefore no longer necessary to enter a PIN.

## Opening vehicle list

Several vehicles can be registered on the Mobile Charger Connect. Each vehicle is listed separately in the vehicle list.

- ▶ **Settings** ⚙️ ▶ **Select vehicle list**.

Vehicles can be removed again using this list.

## Activating and deactivating ground monitoring



**DANGER**

Electric shock, short circuit, fire, explosion

Use of the charger without active ground monitoring can cause electric shocks, short circuits, fire, explosions or burns.

- ▶ The charger should preferably be operated in earthed mains supply systems.
- ▶ Only deactivate ground monitoring in non-earthed mains supply systems.
- ▶ Activate ground monitoring in earthed mains supply systems.

▶ Refer to chapter "Activating ground monitoring" on page 21.

## Deactivating ground monitoring

- ✓ An error message indicating an interrupted or absent protective conductor is shown on the display.
  - ✓ Ground monitoring has interrupted the charging process or prevents it from starting.
    - ⦿ Power button lights up red.
    - Status LEDs light up red.
 An error message is shown on the display.
1. To deactivate ground monitoring, acknowledge the error message with **Confirm**.
  2. Press and hold the Power button ⦿ for 3 seconds.
  3. Acknowledge the deactivation of ground monitoring with **Confirm**.
    - ➔ Monitoring remains deactivated for subsequent charging processes.

## Activating ground monitoring

If the charger is operated in an earthed mains supply system, activate ground monitoring.

1. Open the **Ground monitoring** menu (**Settings** ⚙️ ▶ **Ground monitoring**).
2. Activate ground monitoring with **Activate**.  
When ground monitoring is activated, the **Ground monitoring** menu item will not appear in the **Settings** ⚙️ menu.

## Logging in to the web application

### **i** Information

You can also log in and configure Mobile Charger Connect via the My Porsche app.

For standard operation of the Web Application, select User **Home user**. The user **Customer service** has additional settings options and is intended for service purposes for your Porsche partner.

- ✓ The access data is at hand.
1. Select the relevant User in field **User**.
  2. Enter password (refer to the access data letter).

### **i** Information

After 25 minutes of inactivity, the user is automatically logged out of the Web Application.

## Opening the web application

### **i** Information

Mobile Charger Connect can also be configured via the My Porsche app.

Additional configuration options and detailed information on existing charging processes are available using a Web Application designed specifically for each charger.

### **i** Information

- Depending on which browser you are using, the Web Application may not open immediately. Instead, a notice regarding the browser's security settings may be displayed first.
- Entering the network key when calling up the Web Application depends on the device operating system.

## Opening the web application via hotspot

The web application can be opened with a device (PC, tablet or smartphone) via a hotspot set up by the charger.

To set up a hotspot:

- ▶ Refer to chapter "Hotspot" on page 17.
- ▶ To call up the Web Application when the hotspot is active, enter the following IP address in the address bar of the browser: **192.168.0.1**

## Opening the web application via WiFi

The Web Application can be opened in the browser on a device (PC, tablet or smartphone) that is logged into the same home network as the charger.

- Enter the current IP address of the charger in the browser's address line. The IP address can be found under **Settings** ⚙️ ▶ **Network** ▶ **Network information**.  
- or -  
Enter the charger's host name in the browser's address line. You will find the host name in the letter containing access data.

▶ For information on the web application, see the manual at <https://www.porsche.com/international/about-porsche/e-performance/help-and-contact/>

## Using the web application

### Opening the web application

#### Establishing a connection to the charger

If the charger was integrated in your existing home network (WiFi or Powerline Communication) during setup, the Web Application can be accessed using the assigned IP address.

For information on establishing network connections, ▶ Refer to chapter "Connections" on page 23..

#### Opening the web application via WiFi

- ✓ Your device and the charger are located in the same WiFi network.

  1. Open your browser.
  2. In the browser address bar: Enter the IP address that was assigned during configuration (in **Settings** ⚙️ ▶ **Networks** ▶ **Network information** on the charger), or the host name of the charger (in the letter containing your access data).

#### Opening the web application via Powerline Communication

- ✓ Your device and the charger are in the same network via a PLC connection.

  1. Open your browser.
  2. In the browser address bar: Enter the IP address that was assigned during configuration (in **Settings** ⚙️ ▶ **Networks** ▶ **Network information** on the charger).

#### Opening the web application via hotspot

Alternatively, a connection can be established via a hotspot. The charger has a wireless access point (hotspot), which is password-protected and requires manual login. A WiFi-capable device can connect to

the hotspot and then access the Web Application of the charger. In the Web Application, you can integrate the charger in the home network at any time.


- ✓ The charger is switched on. The charger automatically enables its WiFi hotspot.

  1. On your device, press the network or WiFi icon on the taskbar or notification panel.
  2. Select your WiFi network from the list. The name of the WiFi network is the same as the SSID in the letter containing access data, and is shown as **ICCPD-#####**.
  3. Press the Connect button.
  4. In the **Security code** field, enter the security code (shown as **WiFi PSK** in the letter containing your access data).  
➔ The connection to the WiFi network is established.  
Note: In the Windows 10 operating system, you are first asked to enter the router PIN. Select the link Connect using a network security code instead, then enter the code.
  5. Open your browser.
  6. Enter the following IP address in the address bar of your browser: **192.168.0.1**.



### Information

If your device is in a home network, it can no longer access the Web Application via the hotspot IP address (192.168.0.1), but only via the automatically assigned IP address or the host name of the charger.

- Existing IP address entries:
  - Web Application: **Maintenance** ▶ **Device information**
  - Charger: **Settings**  ▶ **Networks** ▶ **Network information**
- Existing host name entries:
  - Letter containing access data
  - Web Application: **Maintenance** ▶ **Device information**

### Redirecting to the web application

#### Information

Depending on which browser you are using, the Web Application may not open immediately. Instead, a notice regarding the browser's security settings may be displayed first.

1. In the browser warning message that appears, select **Advanced**.
2. In the next dialogue box, select **Add exception**.
  - ➔ The SSL certificate is confirmed and the Web Application opens.

### Charging history

The charging history lists the charging processes of the charger in chronological order. The following information is available for each charging process:

- Time
- Charging duration
- Consumption

- Costs (if an energy manager is available)
- Account used (if an account was selected during the active charging process)

### Information

Other national rules may apply regarding consumption monitoring for power determination.

The Web Application offers the option to export the charging history as an Excel file.

1. Select **Export charging history**.
2. Navigate to the storage location and save the file.

### Information

For each active charging process, the accounts **Work** or are **Private** available for evaluation purposes. The account can be selected in the information on the current **charging process** (symbol **i** in the menu bar) on the charger. The selection is also adopted during the next charging process and must be reassigned if necessary.


### Connections

To access the charger Web Application, its information and settings, your device and the charger must be in the home network (via WiFi or a PLC connection). All the functions of the Web Application can be used via the Internet connection of the home network.

If there is no home network available at the place of use, your device (PC, tablet or smartphone) can log into the charger directly via its WiFi hotspot. However, in this case there is no Internet connection, and only locally installed functions are available.

### Information

If your device is in a home network, it can no longer access the Web Application via the hotspot IP address (192.168.0.1), but only via the automatically assigned IP address or the host name of the charger.

- Existing IP address entries:
  - Web Application: **Maintenance** ▶ **Device information**
  - Charger: **Settings**  ▶ **Networks** ▶ **Network information**
- Existing host name entries:
  - Letter containing access data
  - Web Application: **Maintenance** ▶ **Device information**

### Information

If you change from hotspot mode to a WiFi network connection or vice versa during the setup process, you will need to log in again.

You can change to the home network with Powerline Communication while a hotspot connection is active without restarting.

### Information

If you use the Web Application, only disable the hotspot connection if a connection to a home network is possible.

- ▶ Select the desired network connection (hotspot, WiFi, PowerLine Communication).

### Hotspot

Your device can connect directly to the charger via its integrated WiFi hotspot.

1. Select **Configure hotspot**.
  2. In Settings, enter the network name and security code of the hotspot.
- ▶ For information on establishing a hotspot connection, ▶ Refer to chapter "Opening the web application" on page 22..

## WiFi

### Information

If the charger is already connected to your device via a hotspot, you cannot simultaneously establish a connection to the WiFi network. You must disable the hotspot first.

1. Enable WiFi.
2. Select option **Connect to network**.
3. Select your network from the list and enter the **Security code**. **Other network**: Select this if you are using a network that is not on the list.
4. Choose whether to have the IP address assigned automatically (recommended).
  - ➡ The IP address appears once the connection to the network is established.

The status **Connected** appears by the network on the list.

## Managing WiFi networks

Option	Explanation
<b>Other network</b>	▶ Select this if your network is not on the list.
<b>Manage known networks</b>	▶ Select <b>Delete</b> to remove saved networks. This way, the charger will be in the correct network.

## Disconnecting from the network

1. Select the network that is currently connected.
2. Select **Disconnect** to disconnect from the WiFi network.

## Configuring a network connection

1. Select the network that is currently connected.
2. Select **Configure** to change the settings to the IPv4 address and the DNS server.

### Information

A 2.4-GHz frequency band is used for the network connection. In the event of connection problems, disable the 5-GHz frequency band on the network router.

## PowerLine Communication

As an alternative to WiFi, your charger can be connected to the home network via a PLC connection. For this to happen, the existing mains supply is used to set up a local network for data transfer. The charger is registered as a client in the PLC network. To establish a connection, the charger and PLC modem can be connected to one another via their pairing buttons. In this case, the charger is automatically paired with the PLC modem. Another connection method is to enter the security code of the charger on the PLC modem.

1. Activate **Powerline Communication (PLC)**.
2. Add the charger to the PLC network:
  - **Option 1**: with the pairing button:
    - a. In the Web Application, select **Establish connection with PLC push method**.
    - b. Select **Start pairing**.
    - c. To establish a connection, press the pairing button on the PLC modem within 2 minutes.
    - d. Select the **Connect** button to confirm pairing.
  - **Option 2**: by entering the PLC security code:
    - a. Select option **Establish connection with PLC security code**. The security code is displayed.
    - b. Enter the security code in the settings of your PLC modem.

➡ The charger is integrated in the PLC network and a connection is established.

### PLC connection to vehicle

This function is only visible to and configurable by the **Customer service** user. If the PLC connection is disabled, no more data is transferred to the vehicle via the cable.

This mode is required during certain measurements, for example.

When data transfer is active, charging uses the charging protocol (high-level communication) as standard.

When data transfer is disabled, charging is based on electrical parameters (pulse width modulation).

### Adding the energy manager

For charging control to be assumed by the energy manager, first the charger (EEBus device) and the energy manager must be connected to one another. Connection can be established both in the Web Application of the energy manager and the Web Application of the charger (or directly on the charger).

#### Establishing a connection to the charger on the energy manager

▷ The procedure for establishing the connection to the charger is described in the chapter "Adding an EEBus device" in the web application instructions for the Porsche Home Energy Manager.

### Establishing a connection to the energy manager on the charger

- ✓ The charger and energy manager are in the same network.
- 1. In the Web Application of the charger, navigate to **Connections ▶ Energy manager**.
  - ➔ The energy manager is shown in the **Available energy managers** list.
- 2. Select and expand the energy manager.
- 3. Select **Pair device**.
  - ➔ The connection is checked.
- 4. In the **Establish connection** dialogue box, check the identity of the energy manager once more using the ID number (SKI), then select **Connect**.
  - ➔ The energy manager is successfully connected and the status **Energy manager connected** is displayed.

The energy manager settings (e.g. information on the charging current, overload protection, optimised charging and tariff settings) are adopted by the charger.

#### Disconnecting from the energy manager:

- 1. In the web application of the charger, navigate to **Connections ▶ Energy manager**.
  - ➔ The connected energy manager is shown with the status **Energy manager connected**.
- 2. Select **Disconnect**.
  - ➔ The connection between the energy manager and the charger is broken.

### Pairing user profiles

#### Information

To transfer data to your Porsche ID account, the device must be connected to the Internet.

In your Porsche ID account, you can also retrieve information on charging processes. To do this, the charger must be paired with a Porsche ID.

1. Select the **Link user profile** button.
  - ➔ The **Link user profile** dialogue box opens.
2. Depending on whether there is an Internet connection, select the following option (see "Internet connection options").
3. On the Porsche ID account website, enter your login data (Porsche ID, password).

#### Internet connection options

Option	Explanation
<b>To My Porsche</b>	✓ Web Application connected to the Internet.
	▶ You will be redirected straight to your Porsche ID account.
<b>More options</b>	✓ Web Application not connected to the Internet.
	▶ If your mobile device has an Internet connection, either scan the displayed QR code or enter the displayed URL manually in your browser.

## Settings

### System

#### Demo mode

This setting is only visible to the Customer service user. In demo mode, the charger's functions can be conveniently displayed and a charging process simulated. Settings made in demo mode are not applied.

- ✓ The **Customer service** user is logged in.
- ▶ Enable the function.

Next time you log into the Web Application, demo mode will be disabled once more.

#### Changing a password

You can change the login password for the web application. The new, chosen password overwrites the initial password from the letter containing access data.

- ▶ Select **Change** and enter a new password.

#### Activating device protection

A PIN prompt protects your charger and prevents an unauthorised person from connecting a vehicle to your charger.

1. Enable the function.
2. Enter a 4-digit PIN and confirm.
3. Enter the PIN again and confirm.
  - ➡ Activation of the PIN prompt is confirmed.

Enter this PIN to unlock the charger.

#### Enabling a guest PIN

In addition, you can create a guest PIN for another user.

- ▶ The procedure is the same as when you assigned a PIN to protect the device.

### Information

The guest user will not be able to configure the charger.

#### Controlling energy consumption

Activate standby mode to save electricity. Standby mode begins as soon as charging is finished.

- ▶ Enable **Standby mode**.
  - The device needs some time to exit standby mode and become ready to use once more.

### Information

The charger automatically switches to standby mode after a longer period of inactivity. First, the brightness of the display is dimmed, then the display is switched off. Press the Power button to start it up again.

#### Enter language and country

Field	Explanation
Language	Selects the language for the Web Application.
Country	The country of use. The configuration settings vary depending on country. If you enter a country that is not the actual place of use, some settings may not be available.

#### Enter date and time

Field	Explanation
Date and time	When there is a network connection, the date and time are applied automatically. <b>Time zone:</b> Can be selected manually. <b>Set time:</b> Enter a time if the network time is not available as a reference.

#### Units

Select the parameters and units you wish the charger to use.

#### Equipment display

This setting determines the brightness of the charger's display.

## Charging

### Mains status

This setting is only visible to the **Customer service** user. The charger automatically detects the information on the mains status shown here.

Display	Explanation
Mains phases	Number of phases in the supply cable.
Cable type	Type of vehicle charging cable. The cable type provides important information for setting the maximum charging current.
Restricted operation	This figure indicates which charging power sensors are restricted due to overheating: <ul style="list-style-type: none"> <li>- 0: Microcontroller overtemperature</li> <li>- 1: Relay overtemperature</li> <li>- 2: Internal overtemperature</li> <li>- 3: Infrastructure cable sensor 1 overtemperature</li> <li>- 4: Infrastructure cable sensor 2 overtemperature</li> </ul>

**Ground monitoring**



Electric shock, short circuit, fire, explosion

Use of the charger without active ground monitoring can cause electric shocks, short circuits, fire, explosions or burns.

- ▶ The charger should preferably be operated in earthed mains supply systems.
- ▶ Only deactivate ground monitoring in non-earthed mains supply systems.
- ▶ Activate ground monitoring in earthed mains supply systems.

To activate and deactivate ground monitoring ▶ Refer to chapter "Activating and deactivating ground monitoring" on page 21.

**Adapting the charging current**

If the charging current to the vehicle is too high, this may trip the fuse, leading to a power failure in the area covered by that fuse.

If an energy manager is connected to the charger, the overload protection monitors the charging current to the charger. If no energy manager is available in the home network, you must define a maximum current for the charger.

The charging current you enter must not exceed the maximum charging current that the electrical installation can cope with.

Pay attention to the following when determining the maximum charging current:

- Type of cable connected to the charger
- Other loads connected to this cable or fuse

Information about supply cables and their use in different countries Refer to chapter "Selecting a Supply Cable" on page 11..

**Information**

The charging power must never be set higher than the maximum available power of the electric circuit.

If you are unsure about this, consult a qualified electrician.

**Information**

If an energy manager is connected, its settings will overwrite the value you enter.

- ✓ The vehicle cable is connected to the charger.
- ▶ In the Web Application, use the controller to set a minimum and maximum charging current.

**Service**

**View device information**

This information is based on the charger data, e.g. the version number, serial number and host name.

Your Porsche service partner will need this data in the event of an error message.

**View the total lapsed time information**

Display	Explanation
Total energy consumption	Shows this charger's total energy consumption for all previous charging processes.
Total charging time	Shows this charger's total charging time for all previous charging processes.

## View event memory

This setting is only visible to the **Customer service** user. The event memory information shown here relates to error messages that occurred during the system test. The active and the passive event memories are displayed. Unlike passive events, active events or errors are currently still persisting.

- ▶ Select the appropriate log to view the error messages and results of the system test.

## Install software updates

The charger searches for software updates as standard and downloads them. This setting determines whether software updates are installed automatically or manually. **Software version:** Shows the currently installed software version.

### Information

To find and download software updates, the charger must have an Internet connection.

## Update automatically

When this function is enabled, the charger installs software updates automatically.

- ▶ Select **Automatic software updates**.

## Update manually

When a new software version is available, a notice appears in the device status in the Dashboard.

- ✓ **Automatic software updates** is deactivated.
- ▶ Select **Perform software update** to begin installation.

## Store settings

Your configuration settings and previously entered data can be saved using a backup. With this backup, you can restore these settings if necessary, e.g. following a reset to factory settings. Backups are created manually in the web application.

No passwords or personal data, such as the charging history, are stored in the backup.

## Creating a backup

With manual backup, the data is stored on your device.

- ✓ Your device and the charger are located in the same network.

1. Select **Export**.
2. Navigate to the storage location.
3. Save the backup file.

**Assign password:** Enter a password.

The password protects your data and must be entered when you import or restore the backup.

## Restoring a backup

You can import a saved backup file from your device to the charger.

- ✓ Your device and the charger are located in the same network.
1. Select the **Import** button.
  2. Navigate to the backup file, and select it.
  3. Enter the password you used to save the backup file.

## Resetting to factory settings

If you activate this function, all personal data and configurations, e.g. charging history and network settings, are deleted. Moreover, all passwords will be reset to the initial passwords indicated in the letter containing your access data.

- ▶ Activate **Reset to factory settings**.

To create the backup Refer to chapter "Service" on page 27.

### Information

If the settings are reset to the factory state, the setup wizard will assist you with the most important charger settings the next time you start it up.

## Charging dock

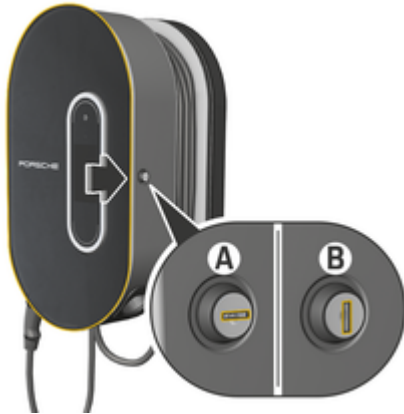


Fig. 18: Charging dock

### Opening the charging dock

- ▶ Press the door of the charging dock in the **direction of the arrow**. The door opens automatically.

### Closing the charging dock

- ▶ Close the door of the charging dock and press in the **direction of the arrow**.

### Locking the charging dock

- ▶ Turn the lock to position **A** (Fig. 18).

### Unlocking the charging dock

- ▶ Turn the lock to position **B** (Fig. 18).

## Attaching the control unit to the charging dock and removing it from the charging dock

### NOTICE

Damage to the charger

- ▶ Always keep the doors closed.
- ▶ Do not place objects on the door or on the charging dock.

### Attaching the control unit to the charging dock

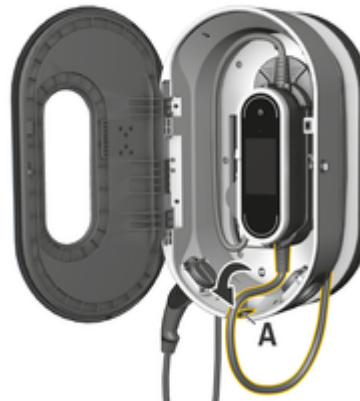


Fig. 19: Attaching the control unit

1. Open the door of the charging dock.
2. Position the control unit under the locking tabs of the charging dock and engage at the rear.

3. Guide the vehicle cable through the opening **A** (Fig. 19) and wrap any excess cable around the charging dock.
4. Insert the supply cable into the electrical socket.
5. Close the door of the charging dock.

### Removing the control unit from the charging dock

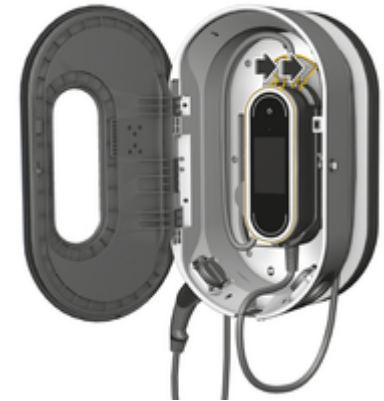


Fig. 20: Attaching the control unit

1. Open the door of the charging dock.
2. Disconnect the supply cable from the electrical socket.
3. Unwind the vehicle cable fully from the charging dock.
4. Detach the control unit from the mount by pressing the release switch (arrow) and remove.

# Malfunctons

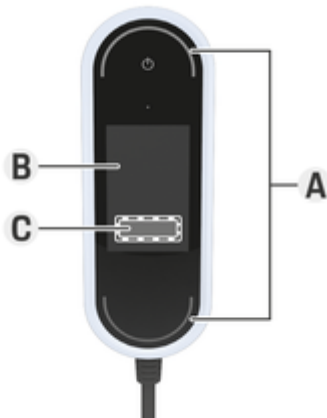


Fig. 21: Display of malfunctons

- A** Status LEDs light up red
- B** Error message and cause
- C** Remedy

In the event of errors or malfunctons, the charger shows a corresponding message in the display. The status LEDs and the Power button light up red. The message shows details of the error, information about the cause and corrective action.

- ▶ Follow the instructions provided for the corrective action.

## Transmit diagnostic data

In the event of a malfunction, the Porsche Mobile Charger Connect can transmit diagnostic data to the responsible support centre (availability depending on country). Support can analyse the device based on the data and suggest suitable action instructions.

- ✓ Charger is integrated into the home network
- ✓ Device (smartphone, tablet, notebook) is also in the home network
- ✓ Porsche access data letter

1. In My Porsche (web or app), find the IP address under **Settings ▶ Network ▶ network information** and enter it in the address bar of the browser.  
 – or –  
 Enter the charger's host name in the browser's address line.  
 The host name is in the access data letter and consists of **device name + serial number**, for example **https://iccpd-1234567**.
2. Log in as **Home user** using the password from the access data letter.
3. Under **Settings** select **Service ▶ Diagnostic upload ▶ Trigger diagnostic upload** and accept message.  
 ➔ The responsible support centre suggests suitable instructions.

## NOTICE

Damage to the charger



- ▶ If a fault persists or recurs, disconnect the charger from the mains supply and contact a qualified electrician. Porsche recommends that you use a certified Porsche service partner.

## Recommended courses of action

The following overview contains recommendations for dealing with malfunctions that restrict or prevent charging of the vehicle.



Situation	Recommended action
The display (screen, status LEDs, Power button) has stopped working completely.	<ul style="list-style-type: none"> <li>▶ Disconnect the charger from the mains supply and replace it.</li> <li>▶ Have the household installation inspected by a qualified electrician.</li> </ul>
The display is blank, the status LEDs are not lit and the Power button lights up red.	<ul style="list-style-type: none"> <li>▶ The charger is overheated. Disconnect charger from mains supply and allow it to cool down slowly on its own.</li> <li>▶ If the error persists, replace the charger.</li> </ul>
Restricted operation or charging not possible (message in display).	<ul style="list-style-type: none"> <li>▶ Ensure that the supply cable and vehicle cable are connected to the control unit at the correct side and are plugged in correctly.</li> <li>▶ Ensure that the charger is within the permitted temperature range. <ul style="list-style-type: none"> <li>▷ Refer to chapter "Technical Data" on page 34.</li> </ul> </li> <li>▶ Acknowledge any error message that appears.</li> <li>▶ Restart the charger. Press the Power button for at least 10 seconds to restart.</li> </ul>
The charging current is too low (message in display).	<ul style="list-style-type: none"> <li>▶ The home network is overloaded. Switch off other higher electrical loads.</li> </ul>
The mains voltage is too high (message in display).	<ul style="list-style-type: none"> <li>▶ Have the household installation inspected by a qualified electrician.</li> </ul>
The charger is not within the permitted temperature range (message in display).	<ul style="list-style-type: none"> <li>▶ Device overheating switch-off: Avoid direct sunlight and allow charger to cool down slowly on its own.</li> <li>▶ Undertemperature switch-off: Allow the charger to warm up in a temperature-controlled environment before use.</li> <li>▶ Device temperature sensor faulty: Replace charger.</li> </ul>
The circuit breaker in the household installation was triggered (message in display).	<ul style="list-style-type: none"> <li>▶ Reduce the charging current in the charger settings.</li> <li>▶ Acknowledge any error message that appears.</li> </ul>

Situation	Recommended action
<p>A charging interruption is displayed:</p> <ul style="list-style-type: none"><li>▶  Power button lights up white</li><li>▶  Status LEDs flash blue.</li><li>▶ The display switches on.</li></ul>	<ul style="list-style-type: none"><li>▶ Wait until the vehicle starts charging again automatically.</li><li>▶ The charging process can be stopped on the vehicle.</li></ul>

---

## Transport

### ⚠️ WARNING

Unsecured load

An unsecured, incorrectly secured or incorrectly positioned charger can slip out of place and endanger the vehicle occupants during braking, acceleration, direction changes or in accidents.

- ▶ Never transport the charger unsecured.
- ▶ Always transport the charger in the luggage compartment, never in the passenger compartment (e.g. on or in front of the seats).

### Securing the Charger for Transport

The charger is supplied with or without a transport case, depending on vehicle type.

- ▶ If a transport case is supplied: Always stow and transport the charger in the case. Attach the transport case to the front and rear tie-down rings with hooks.  
For information on the tie-down rings in the luggage compartment:  
▶ Refer to the Driver's Manual.
- ▶ If a transport case is not supplied: Stow the charger in the rear luggage compartment for transport.
- ▶ Depending on vehicle type, stow the charger in such a way that it does not endanger any occupants in dangerous situations.

## Cleaning and maintenance

Check the charger regularly for damage and soiling and clean if necessary.

### ⚠️ DANGER

Electric shock, fire

Risk of serious or fatal injury due to fire or electric shock.

- ▶ Never immerse the charger or plugs in water or spray them directly with water (e.g. high-pressure cleaning equipment or garden hoses).
- ▶ Only clean the charger when the control unit has been fully disconnected from the mains supply and from the vehicle. Use a dry cloth for cleaning.

## Disposal

### Electric/electronic devices and used batteries



Electrical/electronic devices and batteries can be deposited at a collection point or waste management facility.

Electric and electronic devices that are labelled with the crossed-out waste bin symbol as well as used batteries must not be thrown away with the domestic waste, but rather must be disposed of properly.

- ▶ Observe country-specific disposal regulations.
- ▶ Hand in old batteries and electric and electronic devices at a collection point.
- ▶ The 12-volt lithium battery is hazardous goods. Do not tamper with this battery and never dispose of it yourself.

For further information on proper disposal:

- ▶ Contact your Porsche partner.

### Driver's Manual



Observe disposal instructions in accordance with the marking.

## Technical Data

Electrical data	MCC72E2 x <sup>1</sup>	MCC11E3 x <sup>1</sup>	MCC22E3 x <sup>1</sup>
Power	<b>7.2 kW</b>	<b>11 kW</b>	<b>22 kW</b>
Rated current	16 A, 2-phase <sup>2</sup> 32 A, 1-phase	16 A, 3-phase	32 A, 3-phase
Mains voltage	100 – 240 V/400 V	100 – 240/400 V	100 – 240/400 V
Phases	2/1	3	3
Mains frequency	50 Hz/60 Hz	50 Hz/60 Hz	50 Hz/60 Hz
Overvoltage category (IEC 60664)	II	II	II
Integrated residual current device	Type A (AC: 30 mA) + DC: 6 mA	Type A (AC: 30 mA) + DC: 6 mA	Type A (AC: 30 mA) + DC: 6 mA
Protection class	I	I	I
Degree of protection	IP55 (USA: Enclosure 3R)	IP55 (USA: Enclosure 3R)	IP55 (USA: Enclosure 3R)
Transmission frequency bands	2.4 GHz, 5 GHz	2.4 GHz, 5 GHz	2.4 GHz, 5 GHz
Transmission power	20 dBm	20 dBm	20 dBm
Mechanical data	MCC72E2 x <sup>1</sup>	MCC11E3 x <sup>1</sup>	MCC22E3 x <sup>1</sup>
Weight of control panel	2.54 kg		
Length of vehicle cable	2.5 m or 7.5 m		
Length of supply cable	0.9 m or 1.6 m		

1. The "x" stands for pending design changes and can be any letter.
2. except Singapore

<b>Mechanical data for standard wall mount</b>	<b>MCC72E2 x<sup>1</sup></b>	<b>MCC11E3 x<sup>1</sup></b>	<b>MCC22E3 x<sup>1</sup></b>
Basic wall mount dimensions	385 mm × 135 mm × 65 mm (Length × Width × Height)		
Weight of basic wall mount	approx. 0.45 kg		
Cable guide dimensions	127 mm × 115 mm × 139 mm (Length × Width × Height)		
Weight of cable guide	approx. 0.42 kg.		
Connector fastener dimensions	136 mm × 50 mm × 173 mm (Length × Width × Height)		
Weight of connector fastener	approx. 0.14 kg.		
Weight of complete basic wall mount	approx. 1 kg		
<b>Mechanical data for charging dock</b>	<b>MCC72E2 x<sup>1</sup></b>	<b>MCC11E3 x<sup>1</sup></b>	<b>MCC22E3 x<sup>1</sup></b>
Charging dock dimensions	373 mm × 642 mm × 232 mm (Width × Height × Depth)		
Weight of charging dock	approx. 9.7 kg		
<b>Ambient and storage conditions</b>	<b>MCC72E2 x<sup>1</sup></b>	<b>MCC11E3 x<sup>1</sup></b>	<b>MCC22E3 x<sup>1</sup></b>
Ambient temperature	-30°C to +50°C		
Humidity	5% – 95% non-condensing		
Altitude	max. 5,000 m above sea level		

1. The "x" stands for pending design changes and can be any letter.



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