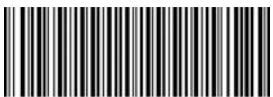




Porsche Mobile Charger Connect

9Y0.012.003.A-ROW



9Y0.012.003.A

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Operating instructions

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.

Further instructions

For information on fitting the basic wall mount, the charging dock and for the electrical installation of the Porsche charger, please refer to the Installation Manual.

Suggestions

Do you have any questions, suggestions or ideas regarding your vehicle or this manual?
Please contact us:
1-800-PORSCHE
customer.relations@porsche.us

Equipment

Because Porsche vehicles undergo continuous development, equipment and specifications may not be as illustrated or described in this manual. Items of equipment are sometimes optional or vary depending on the country in which the vehicle is sold. For information on retrofitting options, please contact an authorized Porsche dealer. Porsche recommends an authorized Porsche dealer, as they have trained technicians and the necessary parts and tools. Owing to the different legal requirements in individual countries, the equipment in your vehicle may vary from that described in this Owner's Manual. If your Porsche is fitted with any equipment not described in this manual, your authorized Porsche dealer will be glad to provide information regarding correct operation and care of the items concerned.

Warnings and symbols

Different types of warnings and symbols are used in this manual.

 **DANGER** Serious injury or death

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

 **WARNING** Possible serious injury or death

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

 **CAUTION** Possible moderate or minor injury

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

NOTICE

Failure to observe warnings in the "Notice" category can result in damage.

 **Information**

Additional information is indicated using the word "Information".

- ✓ Prerequisites that must be met in order to use a function.
- ▶ Instructions that must be followed.
- 1. Instructions are numbered in cases where a sequence of steps must be followed.
- ▷ Indicates where you can find more information on a topic.

Safety Instructions

⚠ DANGER

Electric shock, short circuit, fire, explosion

Use of a damaged or incorrect charger and a damaged or incorrect 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. 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 power grid during thunderstorms.
- ▶ Do not modify or repair any of the electrical components.
- ▶ Only get experts to correct faults and carry out repairs on the charger.

⚠ 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 may only be carried out by a qualified electrician. The qualified electrician is fully responsible for compliance with the relevant standards and regulations. Porsche recommends that you use a certified Porsche service partner.
- ▶ The charger should only be operated in properly earthed power supply systems. Operation in non-earthed systems (e.g. IT networks) is not possible.
- ▶ The cross-section of the power cable for the electrical socket is defined in accordance with the wire length and the locally applicable regulations and standards.
- ▶ To ensure uninterrupted charging, we recommend that you only use electrical sockets that are connected via a separately fused electric circuit for charging.
- ▶ The charger is designed for use in the private and semi-public sector, e.g. on private property or in company parking lots.
- ▶ Unauthorized persons (e.g. playing children) or animals must not have access to the charger or the vehicle during unsupervised charging.
- ▶ Please read the safety instructions in the Installation Instructions and the Owner'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 vapors

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

- ▶ To reduce the risk of explosion, particularly in garages, make sure that the control unit is located at least 19.7 in. (50 cm) above the floor during charging.
- ▶ Do not install the charger in potentially explosive areas.



NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. This equipment generates, uses and can radiate radio frequency energy and,

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if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules.

To comply with FCC RF exposure compliance requirements, the device must be installed to provide a separation distance of at least 20 cm from all persons.

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

- When installing the new electrical socket, select an industrial electrical outlet with the highest possible power available (adapted to the domestic electrical installation) and have it commissioned by a qualified electrician. Porsche recommends that you use a certified Porsche service partner.
- Where technically possible and legally permissible, the electrical 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 by the currently available domestic installation. Protect the domestic installation with an energy management system, if necessary.
- If you are unsure about the electrical domestic installation, have it checked by 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 an authorized Porsche dealer.
- In order to fully exploit the performance 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 according to IEC 60309.
- When charging the high-voltage battery via the domestic electrical outlet/industrial electrical outlet, the electrical installation may be loaded to its maximum capacity. Porsche recommends that you have the 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.
- On delivery, the charging current is automatically limited to prevent overheating of the electrical installation. Get a qualified electrician to commission the charger and set the charging current limit as required for the domestic installation.
 - ▷ Please see chapter "Charging Current Limiting" on page 13.

Grounding Instructions

Charger **must** be grounded.

If it should malfunction or break down, grounding provides a path of least resistance for electric current to reduce the risk of electric shock.

The charger is equipped with a cord having an equipment grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.



WARNING

Electric shock, short circuit

Improper connection of the equipment-grounding conductor may result in a risk of electric shock.

- ▶ Check with a qualified electrician or serviceman if you are in doubt as to whether the product is properly grounded.
- ▶ Do not modify the plug provided with the product - if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

Intended Purpose

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

- ▶ Always use the appropriate device version for the regional power grid.
 - ▷ Please see chapter "Technical Data" on page 17.

The charger may only be used as a combined unit consisting of supply cable, control unit and vehicle cable.

Key to Pictograms

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



Operate the charger within a temperature range from -22°F (-30°C) to $+122^{\circ}\text{F}$ ($+50^{\circ}\text{C}$).



The charger should not be operated at altitudes of more than 16,404 ft. (5,000 m) above sea level.



The charger is equipped with a non-switched ground lead.



The charger is equipped with a switched ground lead.



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 multi-outlet power strips.



Do not use chargers with faulty electronics or connecting lines.



Risk of electric shock due to improper use.



Observe the operating instructions provided, particularly the warnings and safety instructions.



The surface of the charger can become very hot.



Do **not** operate the charger in non-earthed power grids (e.g. IT networks). Only operate the charger in earthed power grids.



The charger requires an alternating current power supply.



Only operate the charger in single-phase networks.

Items Supplied



Fig. 1: Items supplied

- A Supply cable (pluggable to control unit)
- B Power plug for connecting to the power grid
- C Control unit
- D Vehicle plug (connector plug for the vehicle)
- E Vehicle cable (country-specific: either removable or secured to the control unit)
- F Letter containing access data

i Information

Optional components: Various wall mounts are available for the charger in the different countries, e.g. the basic wall mount or the charging dock.

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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.

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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 authorized Porsche dealer.

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

The letter containing 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 | – SSID WiFi access point – Host name |
| Wi-Fi PSK | Network key |
| Password Home user | Initial password for Home user web application |
| Password Customer service | Initial password for Customer service web application |
| PIN | Personal ID number |
| PUK | Personal unlocking key |

Information

The security field contains the necessary access codes (PIN and PUK). This field has special ink 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 authorized Porsche dealer.


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 authorized Porsche dealer.

When using a password you set yourself:

- ▶ If you lose or forget a password you set yourself, reset the charger to factory settings and thereby 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 unit) after the abbreviation "SN"

- On the charger: **SETTINGS**  > **INFORMATION**
- In the web application: **SETTINGS** > **MAINTENANCE** > **DEVICE 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 Porsche ID (**SETTINGS**  > **USER PROFILES**).
2. Reset the charger to factory settings (**SETTINGS**  > **FACTORY SETTINGS**).

Operating Instructions

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

- ▶ Check obligation 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 use the charger in the basic wall mount or in the charging dock.
- ▶ Do not immerse or submerge the charger in water.
- ▶ Protect the charger from snow and ice.
- ▶ Handle the charger with care and protect it from potential damage due to 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 -22 °F to +122 °F (-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.

Vehicle Charge Ports and Vehicle Plugs

Different vehicle charge ports **A** and vehicle plugs **B** are available depending on country-specific vehicle equipment.

| Connection and plug | Standard and designation |
|---|---|
|  | IEC 62196-2/ SAE-J1772-2009 Type 1 UL/IEC |









Selecting a Supply Cable

For regular charging with optimum charge speed, use only the supply cables listed below. The maximum achievable charging power is up to 9.6 kW (depending on device variant, power grid/domestic connection and on-board charger).





When driving abroad, always carry the appropriate supply cable for the country you are visiting with you.

The vehicle cable can be 8.2 or 24.6 ft. (2.5 or 7.5 meters) long, depending on the situation. The total length of the supply cable, control unit and vehicle cable is limited in some countries, e.g. to 16.4 ft. (5 m) in Switzerland and to 24.6 ft. (7.5 m) in Israel and the USA¹⁾.

Supply Cables for Industrial Electrical Outlets

| Electrical socket | Plug | Standard and designation |
|---|---|--------------------------|
|  |  | NEMA 14-30 |
|  |  | NEMA 14-50 |
|  |  | NEMA 6-30 |
|  |  | NEMA 6-50 |



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

| Electrical socket | Plug | Standard and designation |
|---|---|-----------------------------------|
|  |  | IEC 60309-2 CEE 400 V/16 A 6 h |
|  |  | IEC 60309-2 CEE 400 V/32 A 6 h |

Supply Cables for Domestic Electrical Outlets

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

- ▶ In some countries, e.g. in Abu Dhabi, Israel, Singapore and India²⁾, charging using domestic electrical outlets is **prohibited**.

| Electrical socket | Plug | Standard and designation |
|---|---|--------------------------|
|  |  | NEMA 5-15 Type B |

2) Time of printing. Further information is available from your authorized Porsche dealer or your local electricity supplier.

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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.
 - ▷ Please see chapter "Items Supplied" on page 5.
 - ▷ Please see chapter "Selecting a Supply Cable" on page 7.

In some countries, e.g. in Norway, Italy, Portugal and Spain ¹⁾, the supply cable must 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 authorized Porsche dealer or your local electricity supplier.

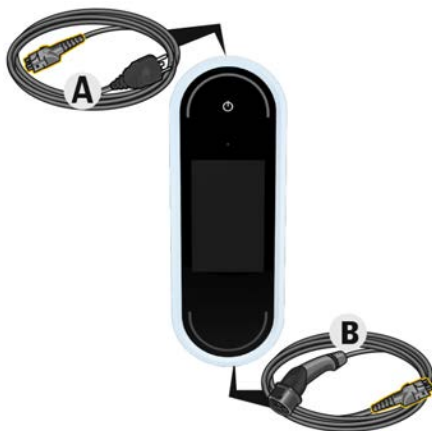


Fig. 2: Connections on the control unit

The supply cable **A** is removed and plugged in at the top of the control unit.

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

Disconnecting Cables

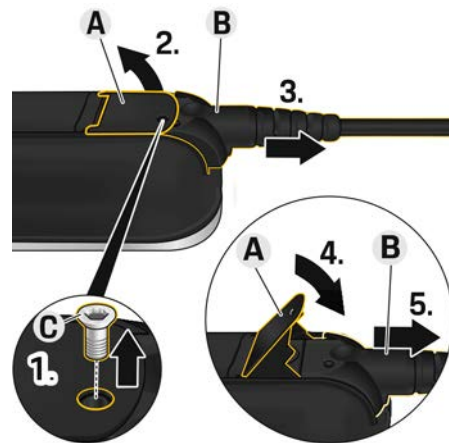


Fig. 3: Disconnecting cables

- ✓ Charging 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** using a suitable tool.
 2. Lift the lever **A**.
 3. Pull out the plug **B** until resistance is first felt.
 4. Close the lever **A**.
 5. Pull out the plug **B** fully.

Securing Cables

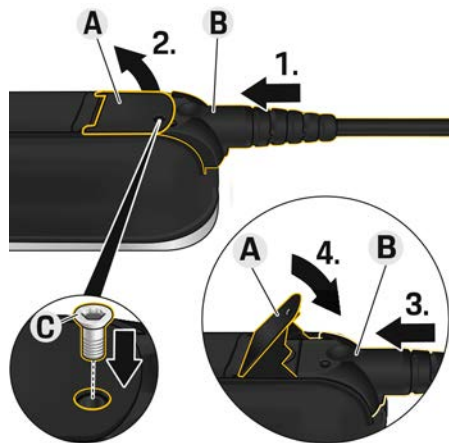


Fig. 4: Securing cables

✓ The lever **A** is closed.

1. Insert the plug **B** into the control unit until resistance is first felt.
2. Lift the lever **A**.
3. Push in the plug **B** fully.
4. Close the lever **A**.
5. Secure the plug **B** to the control unit using screw **C**.

Control Unit

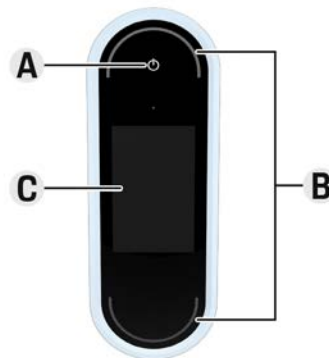




Fig. 5: Control unit

- A** Power button 
- B** Status LEDs 
- C** Display

The charger can be switched on and off using the Power button **A**.

The status LEDs **B** show the status of the charger. Communication with the charger takes place via the display **C**. It shows information and error messages.

Display

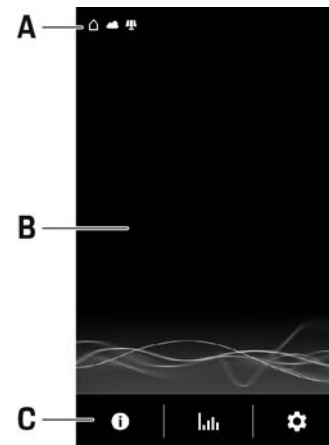


Fig. 6: Charger display

- A** Status bar
- B** Information area
- C** Menu bar

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

Status bar

Various symbols can be displayed in the status bar.



Fig. 7: Status bar (sample display)

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The following overview shows the meaning of the status bar symbols.

| Symbol | Meaning |
|---|---|
|  | WiFi connection available |
|  | Server connection available |
|  | Software update downloading |
|  | Connection to PLC network available |
|  | Hotspot activated |
|  | Grounding monitor deactivated |
|  | Charger is connected to an energy manager |
|  | A charging profile is activated in the vehicle. This profile is loaded in accordance with the settings. |

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 |

| Symbol | Meaning |
|---|--------------------------------|
|  | Configure settings |
|  | A software update is available |

Operating options

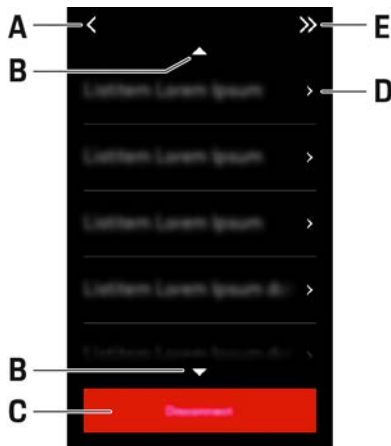



Fig. 8: Operating options

- A Back
- B Up/Down
- C Activity
- D Details
- E Skip

Getting Started

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 always be changed on the display (**SETTINGS** ).

Language and Country

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

Data Transmission

- ▶ Read and confirm instructions for transmitting 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 option for 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. The option can be skipped with **SKIP**. No connection to a home network is established in this case.

When the charger is connected to an existing home network, enhanced functions and information will be available. The connection can be established via WiFi or a Powerline Communication network (PLC network).

If there is no home network available, a hotspot can be set up on the charger.


Connection via WiFi

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

Connection via PLC pairing button

1. Select the **PLC PAIRING BUTTON** option.
2. Start the connection setup 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 established.

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 on which the control software for the PLC network is installed 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 in order to integrate the charger into the PLC network. The connection to the PLC network is established.

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

User Profiles (Pairing 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.

To pair the charger with your Porsche ID:


- ▶ Call up the website specified on the display on the charger in the browser on your device and enter the user code.
 - or –
- ▶ Scan the QR code displayed on the charger. You can scan the QR code in the following ways:
 - Using the Porsche Connect app (My Account > Charging cables & devices > Scan QR code).
 - Using the camera on your device (iOS® 11 or higher, different for Android®).
 - Using an app for scanning QR codes.

When the charger has been paired successfully, the Setup assistant moves on to the next step.

Connect Energy Manager

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


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

If there is no energy manager available, the vehicle will be charged at the charging current entered on the charger (**SETTINGS**  > **ADJUST CHARGING CURRENT**).

- ▷ Please see chapter "Adapt Charging Current" on page 11.

Hotspot

If it is not possible to integrate into a home network, the charger can activate a hotspot, thereby establishing a connection to the web application on the charger.

- ▶ To activate a hotspot, click on **ACTIVATE HOTSPOT**. Once a hotspot has been activated, the symbol  will appear in the status bar.

Adapt Charging Current

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

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 power grid used for the charger. Use **PLUS** and **MINUS** to do this.
- ▷ Please see chapter "Charging Current Limiting" on page 13.

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Device Protection

To prevent an unauthorized vehicle from being connected to the charger, a PIN prompt can be configured.

1. To activate the PIN prompt, select **ON**.
2. Enter a 4-digit PIN and confirm.
3. Enter the PIN again and confirm it.
Activation of the PIN prompt is confirmed.

Finishing the Setup Process

- ▶ Check the settings you entered using **SUMMARY** and complete the installation.

Web Application

Further configuration options and detailed information about the previous charging processes can be displayed using a web application, which is specific to each charger.

Information

- Depending on which browser you are using, the web application will not open immediately, but information about the browser's security settings will be displayed first.
- Whether or not you will need to enter the network key for calling up the web application depends on the device's operating system.

Opening the Web Application via the Hotspot

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


To set up a hotspot:

- ▶ Please see chapter "Hotspot" on page 11.

- ▶ To call up the web application while a hotspot is active, enter the following IP address in the browser's address line: 192.168.0.1

Opening the Web Application via WiFi

The web application can be called up 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. You will find the current IP address under **SETTINGS**  **> NETWORK > NETWORK INFORMATION**.
- or –
- ▶ Enter the host name of the charger in the browser's address line. You will find the host name in the letter containing access data.

Charging

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:

- ▶ See Owner's Manual.



 **DANGER**



Electric shock, fire

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

- ▶ Always observe the specified sequence for the charging process.
 - ▶ Do not disconnect the vehicle cable from the vehicle charge port during the charging process.
 - ▶ End the charging process before disconnecting the vehicle cable from the vehicle charge port.
 - ▶ Do not disconnect the charger from the electrical socket during the charging process.
- Errors are shown on the display and are indicated by red status LEDs. The error message, the cause and a remedial measure will be displayed.
- ▶ Please see chapter "Malfunctions" on page 13.



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:


 - ▶ See Owner'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 display switches to standby mode.

The vehicle is charging.



i Information

- Charging is controlled by the vehicle. The charging process can only be stopped at the vehicle.
- The charge status is shown on the display provided the charger is not in standby mode. The display can be switched on again by pressing the Power button .
- A high-temperature switch-off feature prevents overheating while charging.

Pausing Charging



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

When charging is paused, this will be indicated on the control unit:

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

The vehicle starts charging again automatically. The charging process can be stopped at the vehicle.

Stopping 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 unit detects the voltage and the available current automatically.

The power to be used for charging can be set using charging current limiting. The last charging current set is saved.

On delivery, the charging current is automatically limited to 50% to prevent overheating of the electrical installation.

If the charger is connected to an energy manager, the energy manager limits the charging current in accordance with the values set in the energy manager.

The maximum available charging current can also be reduced by other consumers in the home network, e.g. by an electric heater or water heater.

The charging power must never be set higher than the maximum available power of the electrical circuit used. If you are unsure about this, contact a qualified electrician.

Charging Times

The charging duration can vary depending on the following factors:

- Electrical socket used (domestic electrical outlet or industrial electrical outlet)
 - Country-specific power grid voltage and current
 - Settings for limiting the charging current on the charger
 - Fluctuations in the grid voltage
 - Ambient temperature of vehicle and charger.
- Charging times can be longer at temperatures at the upper and lower extremes of the permitted ambient temperature.
- ▷ Please see chapter "Technical Data" on page 17.

- 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 power grid systems, various cable variants are available. This may result in the full charging performance not being available. Further information is available from your Porsche partner.

Malfuncions

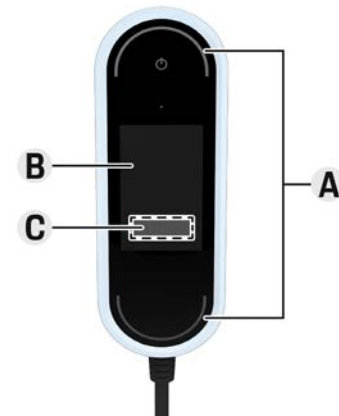


Fig. 9: Display in the event of malfunctions

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

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In the event of faults or malfunctions, the charger displays a corresponding message on the display. The status LEDs and the Power button light up red. The message contains the error message, information about the cause and a remedial measure.

- ▶ Follow the instructions given in the remedial measure.

NOTICE

Damage to the charger

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

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

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| Situation | Recommended action |
|---|--|
| The display (screen, status LEDs, Power button) has stopped working completely. | <ul style="list-style-type: none"> ▶ Disconnect the charger from the power grid and have it replaced. ▶ Have the domestic installation checked by a qualified electrician. |
| The display is blank, the status LEDs do not change color and the Power button lights up red. | <ul style="list-style-type: none"> ▶ The charger is overheated. Disconnect the charger from the power grid and let it cool down slowly by itself. ▶ If the error persists, have the charger replaced. |
| Restricted operation or charging not possible (message on display). | <ul style="list-style-type: none"> ▶ Make sure that the supply and vehicle cables are connected to the control unit on the correct side and are plugged in correctly at the connections. ▶ Make sure that the charger is within the permitted temperature range. Please see chapter "Technical Data" on page 17. ▶ Acknowledge any error message that appears. ▶ Start the charger again. Press the Power button for at least 10 seconds to start the charger again. |
| The charging current is too low (message on display). | <ul style="list-style-type: none"> ▶ The home network is overloaded. Switch off other high-usage electrical loads. |
| The grid voltage is too high (message on display). | <ul style="list-style-type: none"> ▶ Have the domestic installation checked by a qualified electrician. |
| The charger is not within the permitted temperature range (message on display). | <ul style="list-style-type: none"> ▶ Device temperature switch-off: Avoid direct sunlight and let the charger cool down slowly by itself. ▶ Low-temperature switch-off: Let the charger heat up in a warm environment before using it. ▶ Device temperature sensor faulty: Have the charger replaced. |
| The circuit breaker in the domestic installation was triggered (message on display). | <ul style="list-style-type: none"> ▶ Reduce the charging current in the settings on the charger. ▶ Acknowledge any error message that appears. |

Moving and Storage Instructions

Do not lift, carry or move the charger by the supply cable, vehicle cable, power plug or vehicle plug. Always lift, carry and move the whole device. Do not damage the control unit, the cables or plugs when moving, for example by dragging over the floor or sharp edges.

Proper storage: Store in a cool dry place away from direct sunlight: not below $-22\text{ }^{\circ}\text{F}$ ($-30\text{ }^{\circ}\text{C}$) or above $+122\text{ }^{\circ}\text{F}$ ($+50\text{ }^{\circ}\text{C}$).

Transport



WARNING

Unsecured load

An unsecured, incorrectly secured or incorrectly positioned charger can slip out of place and endanger occupants when braking, accelerating, changing direction or in the event of an accident.

- ▶ 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 during 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 case to the front and rear tie-down rings with hooks. For information on the tie-down rings in the luggage compartment:
 - ▷ See Owner's Manual.
- ▶ If a transport case is not supplied: Stow the charger in the rear luggage compartment while transporting it.

- ▶ Depending on the vehicle type, stow the charger in such a way that it does not endanger any occupants in dangerous situations.

Basic Wall Mount

Attaching the Control Unit to the Basic Wall Mount



Fig. 10: Attaching the control unit

1. Guide the vehicle cable through the lower opening in the basic wall mount, fit the bottom of the control unit on the locking lug and engage it by pushing it to the rear.
2. Guide the supply cable through the upper opening in the basic wall mount and lock the snap ring by pushing it to the left.
3. Insert the vehicle plug into the plug holder.

Charging Dock

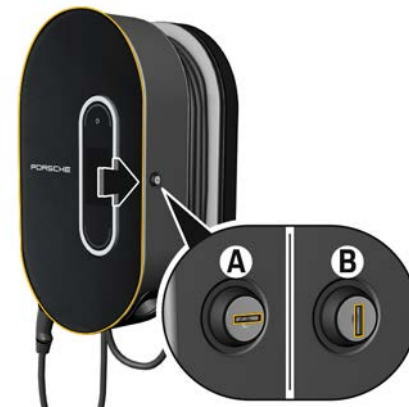


Fig. 11: Charging dock

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 into position **A**.

Unlocking the Charging Dock

- ▶ Press the lock into position **B**.

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NOTICE

Damage to the charger

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

Attaching the Control Unit to the Charging Dock

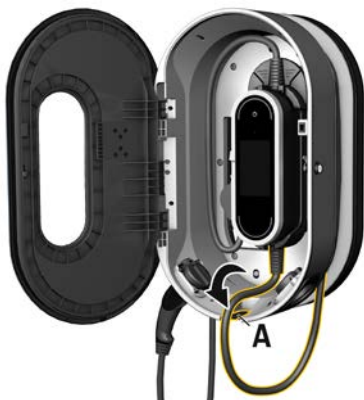


Fig. 12: Attaching the control unit

1. Open the door of the charging dock.
2. Position the bottom of the control unit in the locking lugs of the charging dock and engage by pushing it to the rear.
3. Guide the vehicle cable through the opening **A** 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. 13: Removing 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.

Cleaning

Check the charger for damage and soiling at regular intervals and clean it if necessary.



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 power grid and from the vehicle. Use a dry cloth for cleaning.

Disposal

Electrical/electronic devices can be handed in at a collection point or waste management facility.

- ▶ Do not throw electrical/electronic devices in with household waste.
- ▶ Dispose of electrical/electronic devices in accordance with the applicable environmental protection regulations.
- ▶ If you have questions about disposal, contact an authorized Porsche dealer.

Further Information

Further information on the charger and the web application is available under "E-Performance" at the following web address: <https://www.porsche.com>

Data Protection Notice

To ensure that your Porsche charging equipment can communicate properly and is always up-to-date, the charging equipment will send the following equipment-specific data to Porsche in encrypted form at regular intervals and process this data there: 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, the following personal data and other device-specific data required for the provision of the services is sent to Porsche and processed there: customer ID, statistics, charging history information, status, connection status and time stamp for when communication was last established. You will find more detailed information on the general terms and conditions and the privacy policy at www.porsche.com/connect-store.

The regular transmission of data for your charging equipment can incur additional costs with your Internet supplier. The data you have saved at Porsche can be irrevocably deleted using My Porsche. Some of the Porsche Connect services for the Porsche charging equipment are not available in all countries due to technical or legal restrictions.

Technical Data

| Electrical data | |
|---------------------------------------|---|
| | 9Y0.971.675.BL |
| Power | 9.6 kW |
| Rated current | 40 A |
| Rated voltage | 120/208-240 V ~, 120 V to ground |
| Phases | 1 |
| Power supply frequency | 50 Hz/60 Hz |
| Overvoltage category (IEC 60664) | II |
| Integrated residual current device | Type A (AC: 20 mA) + DC: 56 mA |
| Protection class | I |
| Degree of protection | Enclosure 3R (IP55) |
| Transmission frequency bands | 2.4 GHz, 5 GHz |
| Transmission power | 20 dBm |
| Only for Columbia | |
| Charging speed | ≤ 100 % |
| Power factor | 1 |
| Harmonic content | 0,5 % |
| Mechanical data | |
| Weight of control unit | 5.6 lbs. (2.54 kg) |
| Vehicle cable length | 8.2 ft. or 24.6 ft. (2.5 m or 7.5 m) |
| Supply cable length | 1 ft. (0.3 m) |

Ambient and storage conditions

| | |
|---------------------|---|
| Ambient temperature | -22 °F to +122 °F (-30 °C to +50 °C) |
| Humidity | 5%–95% non-condensing |
| Elevation | max. 16,404 ft. (5,000 m) above sea level |

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