

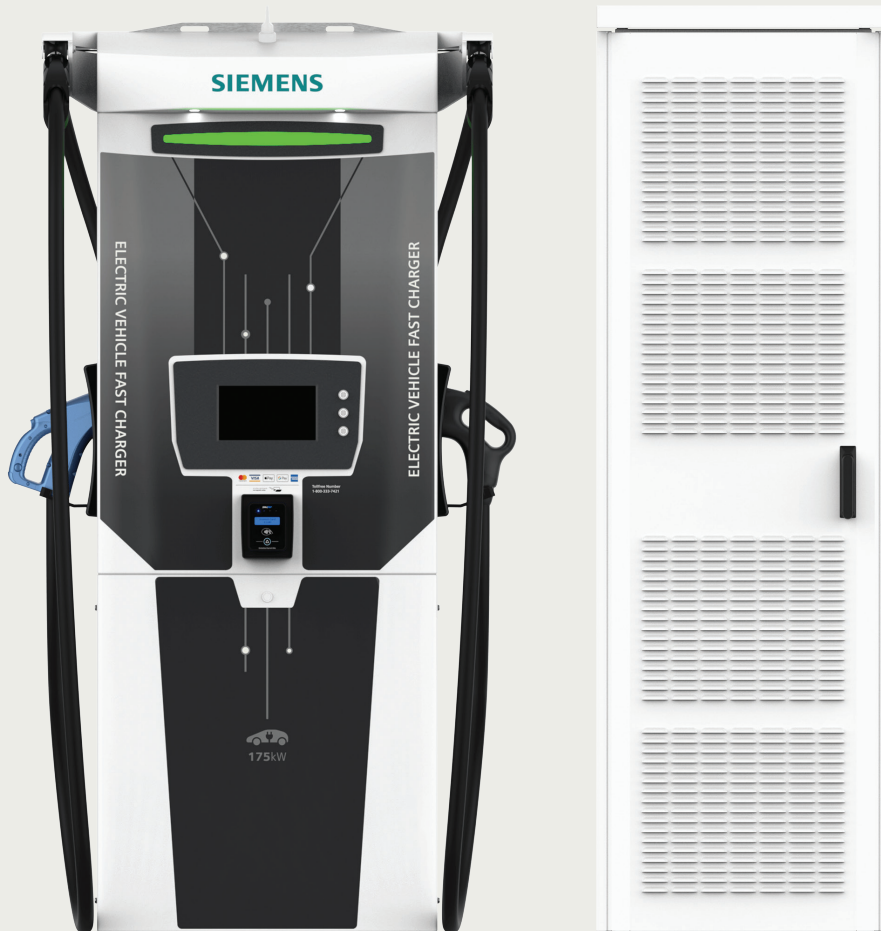
SIEMENS

OPERATING INSTRUCTIONS

VersiCharge Ultra 175™

175 kW DC fast charger

usa.siemens.com/versicharge



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Important safety instructions.

Save these instructions.

This document contains information on how to operate the VersiCharge Ultra 175 kW DC electric vehicle fast charger.

Identifying symbols



CAUTION



RISK OF ELECTRIC SHOCK

For assistance with operation of the charger, contact the charger operator or Siemens Customer Support.

Note: Images used in this manual are examples only and may differ slightly from actual implementation.



CAUTION

The VersiCharge Ultra 175 kW DC charger must be installed and serviced only by qualified electrical personnel.



CAUTION

In the event of a circuit breaker trip, the charger must be inspected by a Siemens-certified service agent before the charger is re-energized.

Operating temperature:

-30° to 50°C / -22° to 122°F

Maximum ambient temperature:

55°C /131°F

Weather rating:

IP65 Electronics Enclosure

NEMA Type 3R

Description	Catalog No.
These VersiCharge Ultra 175™ kW DC Charger Operating Instructions are for:	
Dispenser Unit	US2:VSCULT175DUSAG
Transformer	US2:VSCULT175PUSAG

Operating instructions

Charging your car with the VersiCharge Ultra 175 kW DC charger is safe, secure, and easy to do with industry standard plugs and a simple interface that guides you through the charging process.

The VersiCharge Ultra 175 kW DC offers two different charging plugs, the CHAdeMO and the Combined Charging Standard (CCS).



Activation security

The VersiCharge Ultra 175 kW DC charger is designed to activate and secure your individual charging session through card recognition, application (APP), or Short Message Service (SMS). After activation and authorization is recognized, you have a certain timeframe to begin your charging session.

Using the interface panel

The interface panel:

- has icons and buttons that control the charging session.
- shows charging information.

These icons:

- display a check when the expected action is completed.

At certain times you hear audio feedback to assure you that certain functions are successful.

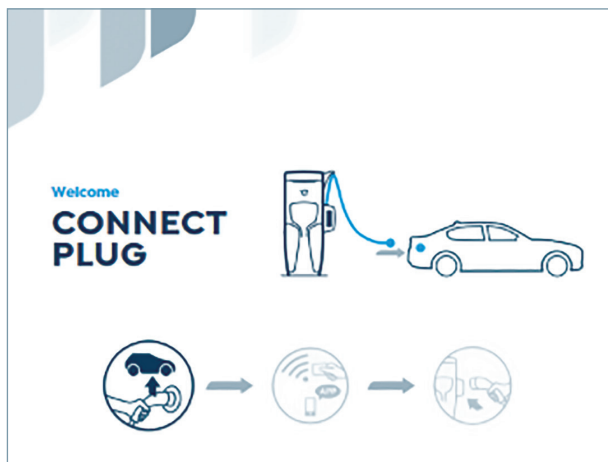
The minutes shown on the display show how long your car has been charging.

You have ample time to make your selections, however, if the charger has been idle for too long without making a selection, it returns to being available for other users.

At any stage, return the plug to the VersiCharge Ultra 175 kW DC charger plug holder to end your charging session.

Operating instructions: post authentication

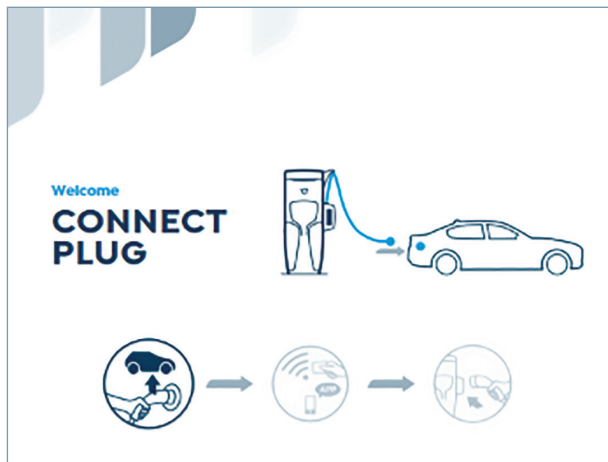
The interface panel



For the purpose of this manual the VersiCharge Ultra 175 kW DC charger interface panel ACTIVATION icon includes APP and SMS. If these icons are not shown on your model, they are not available for use.

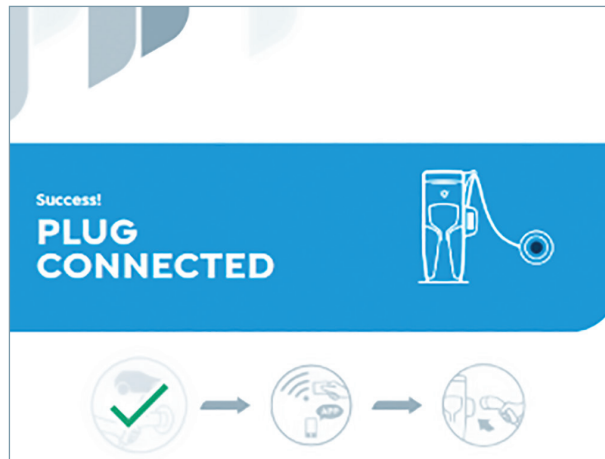
1. Connect plug to car

The following screen displays when the unit is available for use, and the plug icon is highlighted.



2. Connected

When the plug is connected to the car, the plug icon shows a check.



3. Communication

The charger checks the communication with the vehicle.



Operating instructions: post authentication

4. Authentication

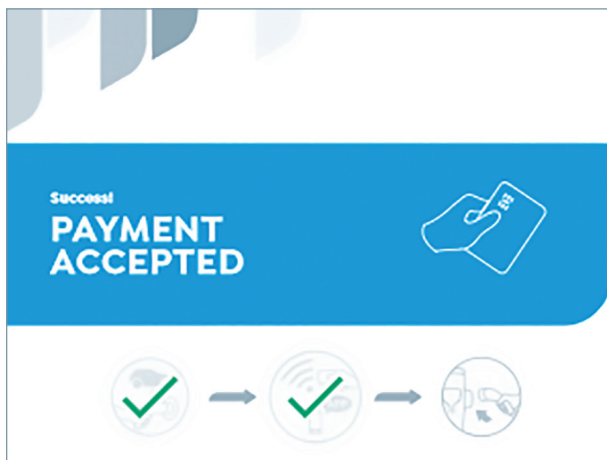
The charger requests payment authentication. The plug icon is checked, and the pay icon is highlighted.



Swipe your bank or RFID card over the payment terminal. The charger processes the payment.



On successful payment, the pay icon shows a check.

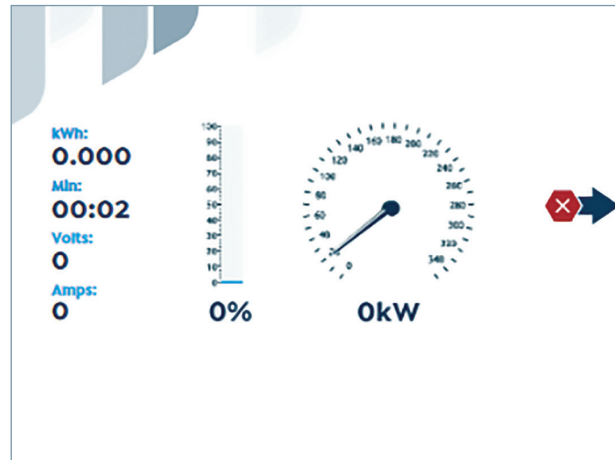


5. Charge session

The charger starts the charge session.

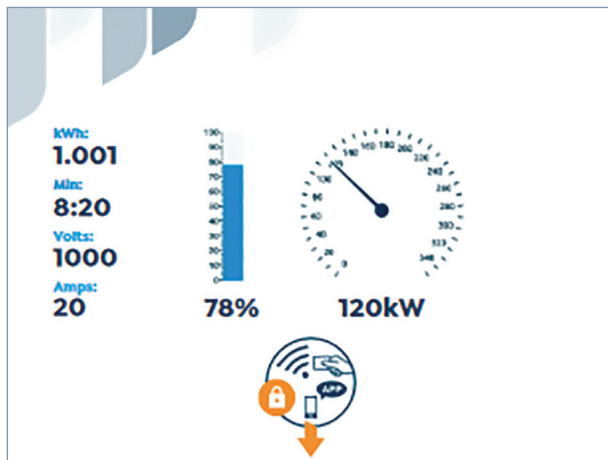


The charge session starts successfully. The active session and the arrow for the stop button are displayed.



Operating instructions: post authentication

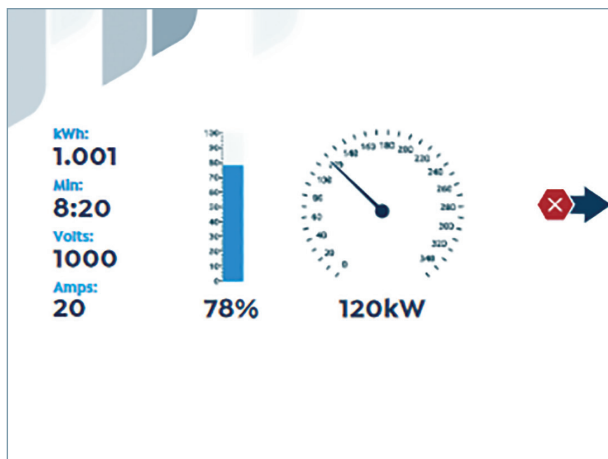
After 30 seconds of dispensing energy, the charger locks. The active session and the unlock icon are displayed.



Swipe your bank or RFID card over the payment terminal to unlock the session and complete payment.

The charge session unlocks.

The active session and the arrow for the stop button are displayed.



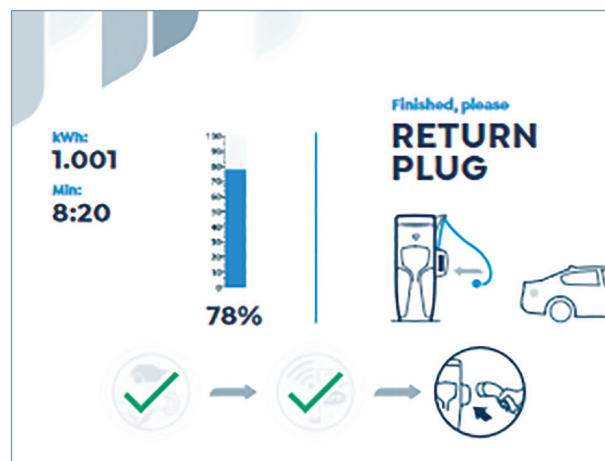
6. Complete charge

The charge session is automatically terminated when the maximum charge level of the electric vehicle is reached.

To terminate the session at an earlier point, use the button that is aligned with the stop icon.

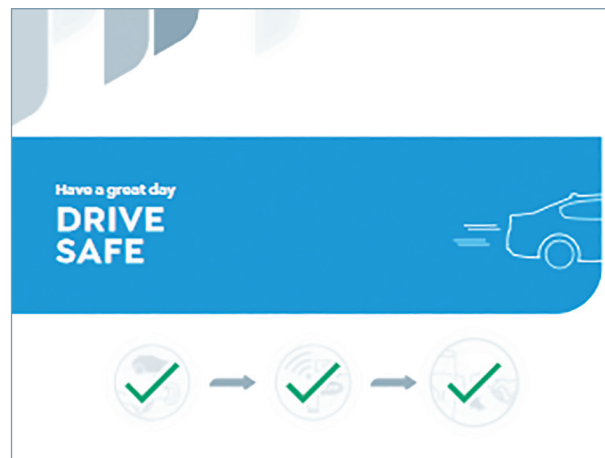


The return plug icon is highlighted.



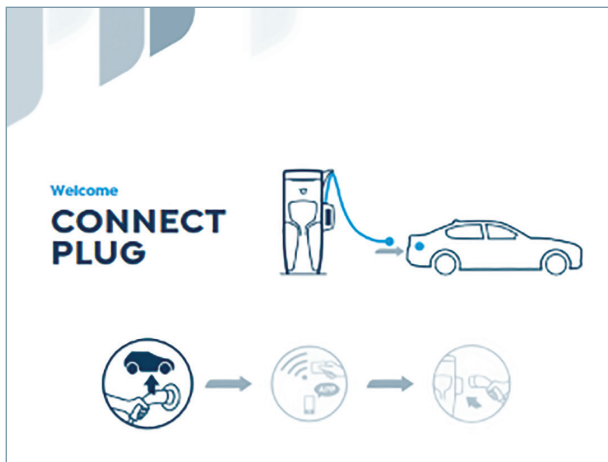
7. Return plug to car

The charger detects the plug and the return plug icon shows a check.



Operating instructions: pre-authentication

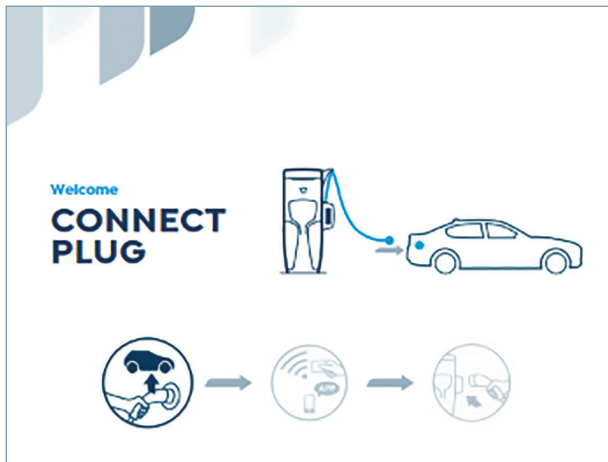
The interface panel



For the purpose of this manual the VersiCharge Ultra 175 kW DC charger interface panel ACTIVATION icon includes APP and SMS. If these icons are not shown on your model, they are not available for use.

1. Ready to use

The following screen displays, when the unit is available for use and the plug icon is highlighted.



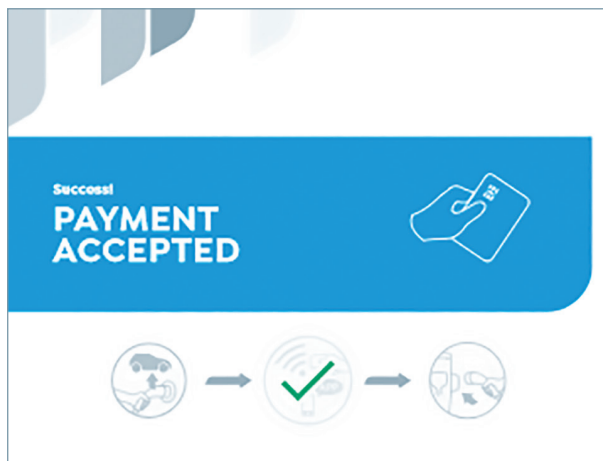
2. Authentication/payment

Swipe your bank or RFID card over the payment terminal.

The charger processes the payment.



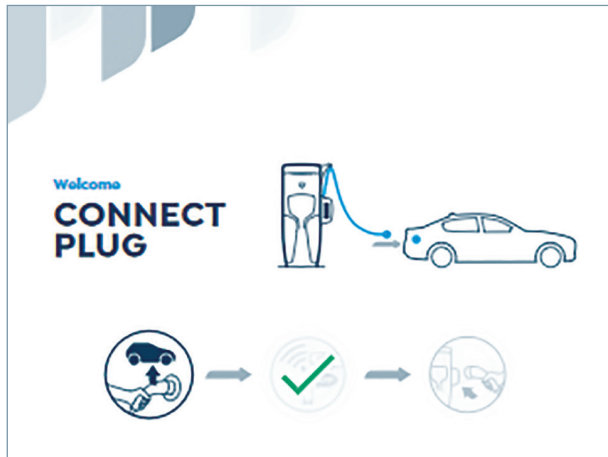
On successful payment, the pay icon shows a check.



Operating instructions: pre-authentication

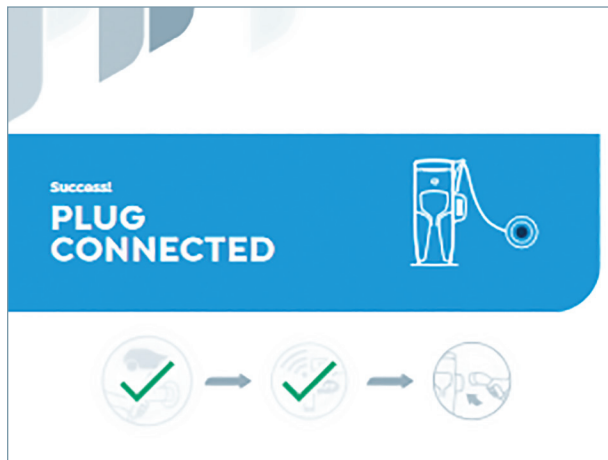
3. Connect plug to car

The following screen displays when the unit is available for use, and the plug icon is highlighted.



4. Connected

Plug icon displays a check when the plug is connected to the car.



5. Communication

The charger checks the communication with the vehicle.

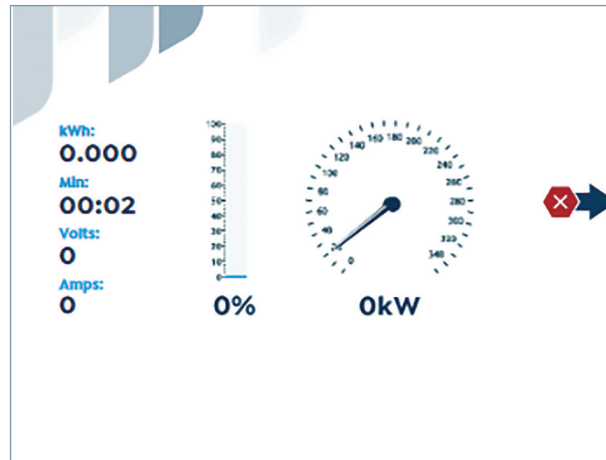


6. Charge session

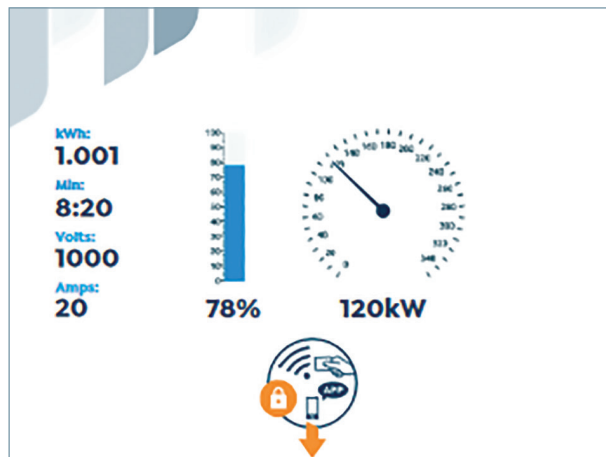
The charger starts the charge session.



The charge session starts successfully. The active session and the arrow for the stop button are displayed.



After 30 seconds of dispensing energy, the charger locks. The active session and the unlock icon are displayed.

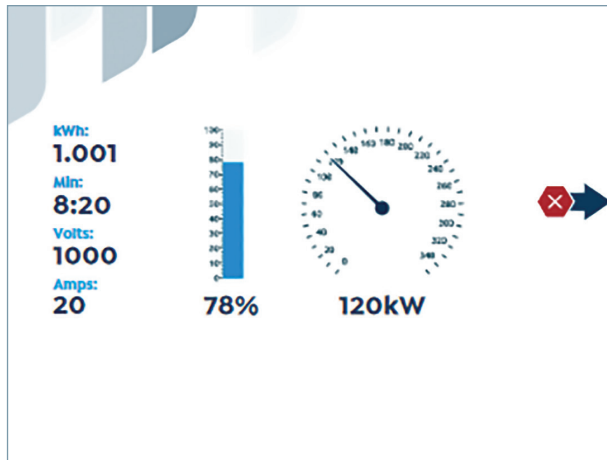


Operating instructions: pre-authentication

Swipe your bank or RFID card over the payment terminal to unlock the session.

The charge session unlocks.

The active session and the arrow for the stop button are displayed.



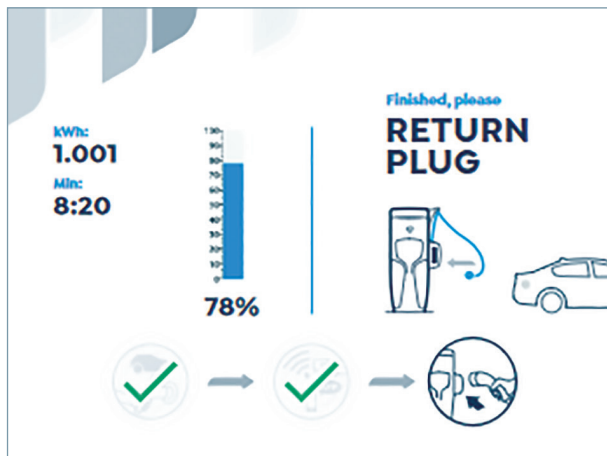
7. Complete charge

The charge session is automatically terminated when the maximum charge level of the electric vehicle is reached.

To terminate the session at an earlier point, use the button that is aligned with the stop icon.

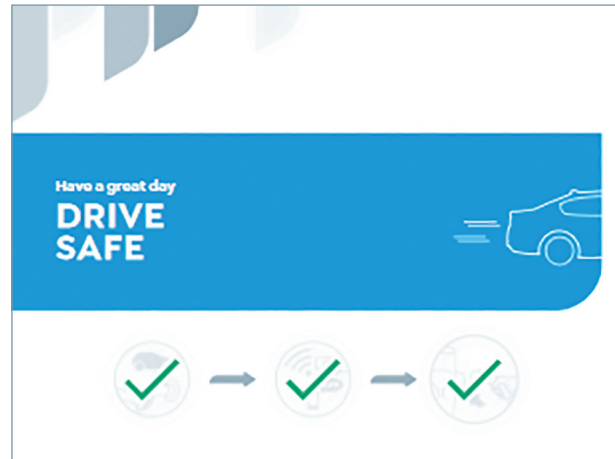


The return plug icon is highlighted.



8. Return plug to car

The charger detects the plug and the return plug icon shows a check.



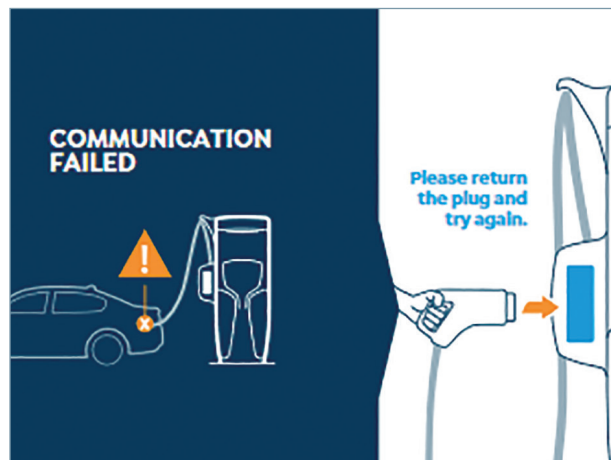
Troubleshooting

1. Communication failed

Possible communication failure between charger and vehicle.

This session failed to start.

Return the plug to the charger and try again.



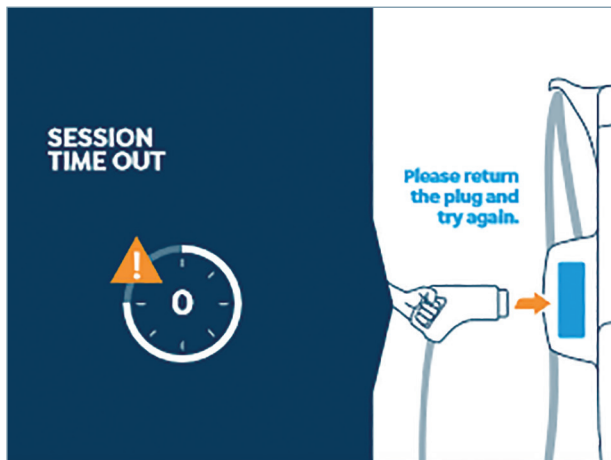
2. Session timeout

Possible reasons:

- Session timeout
- Communication interruption

Session timeout is triggered, if there is no interaction received for 240 seconds.

Return the plug to the charger and try again.

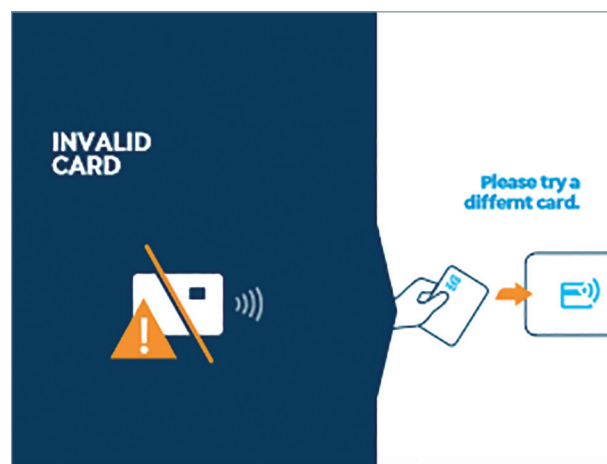


3. Invalid card

Possible reasons:

- Invalid bank card or payment provider
- Payment declined
- No price settings in terminal configuration
- RFID not enabled/network not accepted
- Different card used from the original card used to authenticate
- Incorrect card scan

Retry the card, or use a different card.



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