

Thank you very much for purchasing a quick charger for electric vehicles.

Before using this device, please be sure to read this owner's manual in order to be able to use the device correctly and safely. Keep this manual in a place where you can refer to it at any time.



Basic unit specifications

Charge simply and safely

Charging can be performed by simply connecting the charge connector to the charge port of an electric vehicle (EV) and pressing the START button. This device conforms to international electrical standards, including protection against electrical leakage, enabling users to perform charging safely and with complete peace of mind.

Compatible with various models of EV

Because this device complies to CHAdeMO protocol, it is compatible not only with NISSAN EVs but also with EVs of other manufacturers.

CHAdeMO:

CHAdeMO is the association that has been established with the aim of advancing the standardization of charging methods and the expansion of quick charger equipped charging facilities, goals that are essential for enabling the further future growth of electric vehicles.



Standard unit specifications



Useful administration settings

(standard unit specifications)



This product has a number of useful functions for the use of the person who manages it, including settings for input of a password and settings for the upper limits of charge ratio and charge time, etc. All settings can be performed simply by touching the operation panel.

How to use this manual



In this manual, important safety precautions are classified by the following symbols.

 WARNING	<p>This is used to indicate the presence of a hazard that could cause death or serious personal injury. To avoid or reduce the risk, the procedures must be followed precisely.</p>
 CAUTION	<p>This is used to indicate the presence of a hazard that could cause minor or moderate personal injury or damage to your vehicle. To avoid or reduce the risk, the procedures must be followed carefully.</p>

Descriptions of points that you should follow when using the charger are classified by the following symbols.







	<p>This symbol is used to indicate descriptions of actions which must NOT be performed.</p>
	<p>This symbol is used to indicate descriptions of actions which MUST be performed.</p>

Descriptions of points that you should check and points you should be aware of when using the charger are classified by the following symbols.

	<p>This symbol is used to indicate points to be checked during operation. Not checking these points could result in damage to the charger or could prevent its normal operation.</p>
	<p>This symbol is used to indicate points that you should be aware of when operating the charger. By understanding these, you will be able to use the charger more effectively.</p>

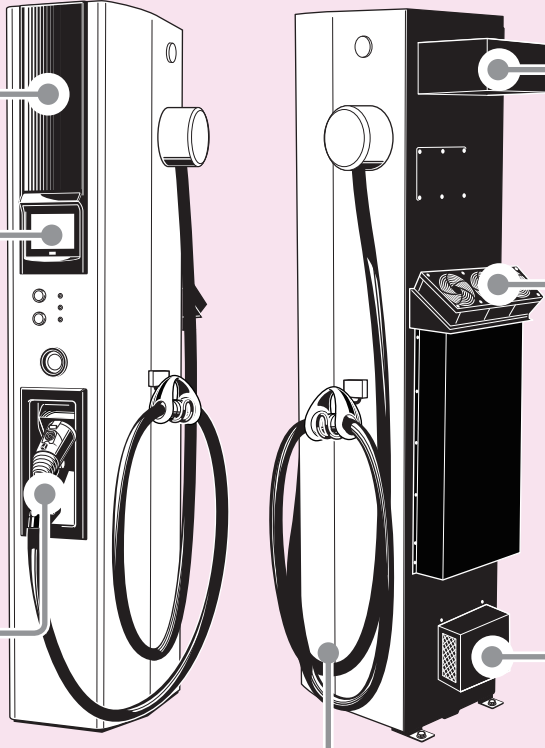
All information, specifications and illustrations in this manual are those in effect at the time of printing. NISSAN reserves the right to change specifications or design at any time without notice.

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Safety instructions


The following safety instructions refer to preventing harm or injury occurring to the user or other people. Be sure to read these instructions carefully before using the charger. Failure to follow these instructions could cause a fire or electric shock and may result in personal injury or property damage.

Charger unit	Rear side
<p>WARNING</p> <ul style="list-style-type: none"> Do not perform any kind of disassembly or modification. This unit does not contain any user serviceable parts. Do not connect electric current or operate the charger if damage is visible (such as dents, etc.). In the case of smoke, unusual noises or unusual smells, turn off the power to the charger immediately. Do not use combustible sprays or other flammable substances in the vicinity of the charger. 	<p>CAUTION</p> <ul style="list-style-type: none"> Do not insert fingers or foreign objects into the ventilation fan or cooling fan. Do not touch ventilation outlets as they may be very hot. Do not leave the unit with the back cover removed.
<p>CAUTION</p> <ul style="list-style-type: none"> Do not place objects on the charger, or allow people to climb on it or lean against it. Do not subject the charger to impact. Do not use any type of cover. 	
<p>Operation panel (standard unit specifications)</p>	
<p>CAUTION</p> <ul style="list-style-type: none"> To avoid damage to the operation panel, do not touch the panel with sharp-ended objects (such as a ball pen, etc.). Do not apply water or other liquids to the panel (except for cleaning). 	
<p>Charge connector</p>	<p>Charge cable</p>
<p>WARNING</p> <ul style="list-style-type: none"> Do not perform any kind of disassembly or modification. Do not allow any foreign materials to enter the charge connector terminal. Do not touch the terminal. Do not allow any flames in the vicinity of the charger. Do not drop the charge connector on the ground or subject it to impact. Do not place the charge connector on people, vehicles or other objects. Do not apply water or other fluids directly to the charger. Do not use the charge connector if it is damaged, wet, or if corrosion or rust is visible. 	<p>CAUTION</p> <ul style="list-style-type: none"> Do not place objects on or insert sharp objects into the charge cable. Do not tie up or forcibly pull the charge cable. Do not use an extension cable. Do not use the charge cable if it is damaged.

If it is raining


 **WARNING**

 Do not perform charging during a thunder storm.


 Make sure that the charge connector terminal does not get wet.

If exposed to or submerged in water, or if frozen

 **WARNING**

 If the charger is exposed to or submerged in water, contact a sales representative for an inspection before use.


 **CAUTION**

 If the surfaces have frozen, do not perform any of the following actions.

- Do not apply very hot air.
- Do not apply hot water.
- Do not use a deicing spray.


For users of the charger

 **WARNING**


 To avoid shock or electrocution, do not operate the charger with wet hands.

- Do not allow the charger to be used by children and keep children away from the charger.

 **WARNING**


 Users with implanted cardiac pacemakers or implanted cardiac defibrillator (ICDs) should not:

- Stand close to the rear side of the charger.
- Stand closer than 31.5 inch (80 cm) from the charger while charging.


 Users who use electronic medical devices are advised to check with the manufacturer of the electronic device to confirm whether there are any possible effects from using the charger.

When preparing to charge or during charging


 **WARNING**

 To help prevent shock or electrocution, the charge connector is locked to the vehicle while charging the Li-ion battery. Do not try to forcibly remove it.

 **CAUTION**

 Do not use exceeding the rated capacity.

- Do not attempt to charge anything other than an EV equipped with a Li-ion battery.
- Do not move the vehicle while the charge connector is connected.

 When operating the charge connector lever, be careful that your fingers do not get trapped.

- Be careful not to drop the charge connector on your feet.
- Be careful not to allow the charge cable to touch the vehicle.

Charger specifications

This product is a quick charger for use with electric vehicles.

Model No.	NSQC442F	NSQC442G	
Model type	Basic unit specifications	Standard unit specifications	Cold regions (option)
Rated input voltage	3φ 400V±15%, 50/60Hz		
Output voltage	50 - 500V DC		
Output current	0 - 120A DC		
Connector for supplying electricity	Conforms to JEVS G 105-1993		
Rated efficiency	90% or higher		
Dimensions (unit housing only)	1840 mm (h) x 380 mm (w) x 500 mm (d)		
Cable length	2.0 m	4.0 m	4.0 m
Usage temperature range	-10 - +40°C	-10 - +40°C	-30 - +40°C
Water proofing and dust protection	Equivalent to IP33	Equivalent to IP55	
Main specifications	<ul style="list-style-type: none"> ▪ Indoor specifications ▪ No LCD ▪ External connector hook ▪ Anti-rust coat only 	<ul style="list-style-type: none"> ▪ Outdoor specifications ▪ Monochrome LCD ▪ *Color LCD (option) ▪ Charge connector holder built in ▪ Painted finish (white) 	<ul style="list-style-type: none"> ▪ Outdoor specifications ▪ Monochrome LCD ▪ *Color LCD (option) ▪ Charge connector holder built in ▪ Heater ▪ Painted finish (white)

Applicable batteries and charge time

This product is capable of charging an EV that has a charge port which conforms to CHAdeMO standards. Charging time will vary, depending on the type of vehicle being charged and the amount of charge remaining in the Li-ion battery at the time charging begins. For further details, please refer to the owner's manual that was provided with the vehicle.

Charger status recording function

In order to maintain the product quality of this quick charger, the operation status is constantly recorded and stored, meaning that it is possible to provide accurate service based on the data obtained by this feature. This feature is different than conventional data recording. Although it records the (operational) status of the charger, it does not record audio or video of conversations that could identify individual users. NISSAN or a third party designated by NISSAN may use data obtained from the charger in order to check the history of part replacement or for the purpose of making improvements to the quick charger. With the exception of the following cases, NISSAN or the third party designated by NISSAN will not disclose data obtained from the charger to a third party.

- If permission is received from the owner of the charger
- If a legally enforceable court order is received
- In the case of provision of data to research institutions for statistical processing as long as the data does not identify individual users or charger units

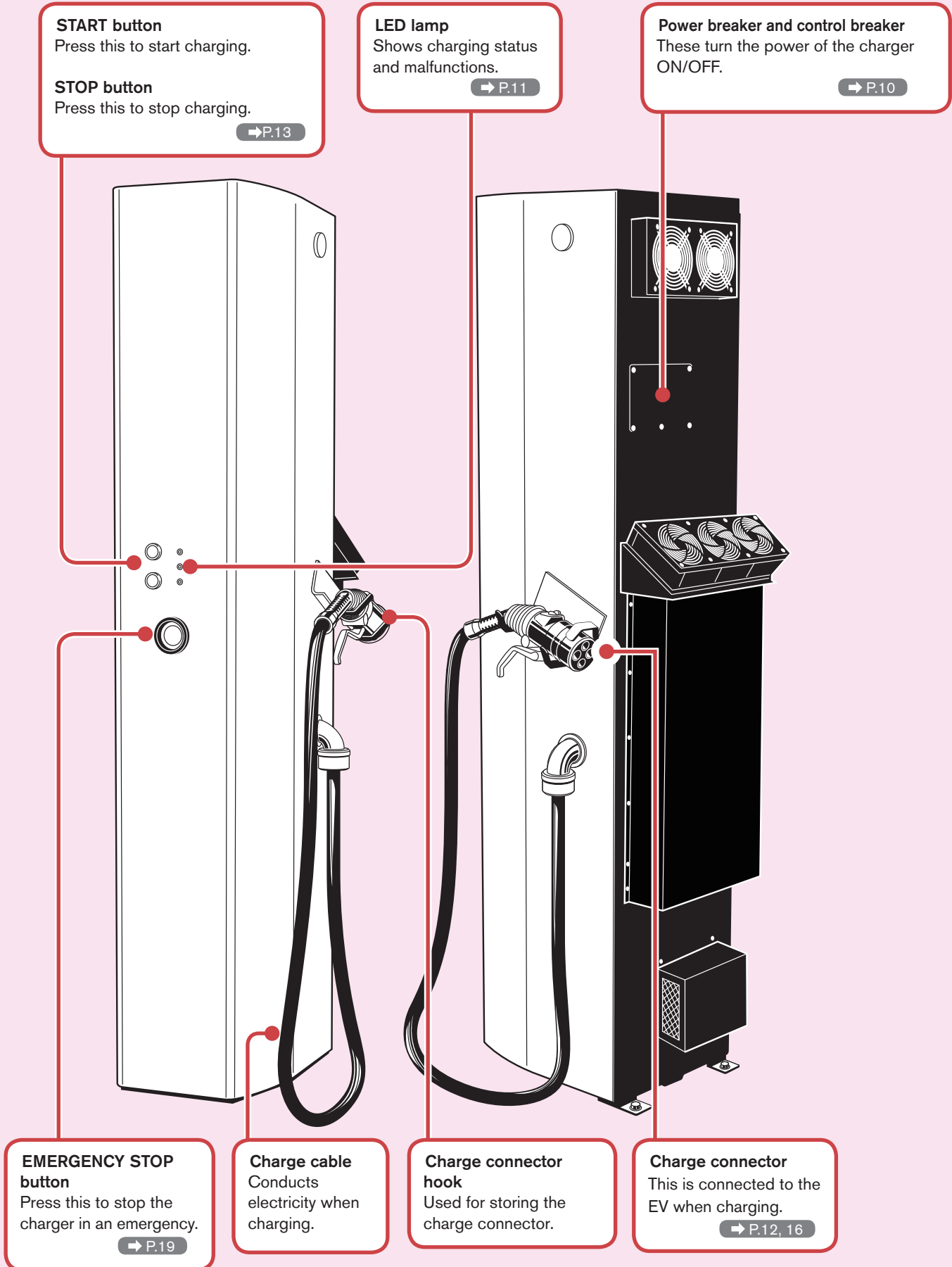
About EN55011 class A

1. The product is intended to be powered by a dedicated power transformer or generator, which is not directly connected to low voltage overhead power distribution lines.
2. This product is intended to be used at locations where the separation distance to third party sensitive radio services is >30m.

In a domestic environment, this product may cause radio interference, in which case supplementary mitigation measures may be required.

Operating instructions

Names of parts and their functions (basic unit specifications)



Names of parts and their functions (standard unit specifications)

START button

Press this to start charging.

STOP button

Press this to stop charging.

→ P.14

Operation panel

This can be used to make settings to the charge or management menus and can display the charge status and any error messages.

→ P.20, 22

Power breaker and control breaker

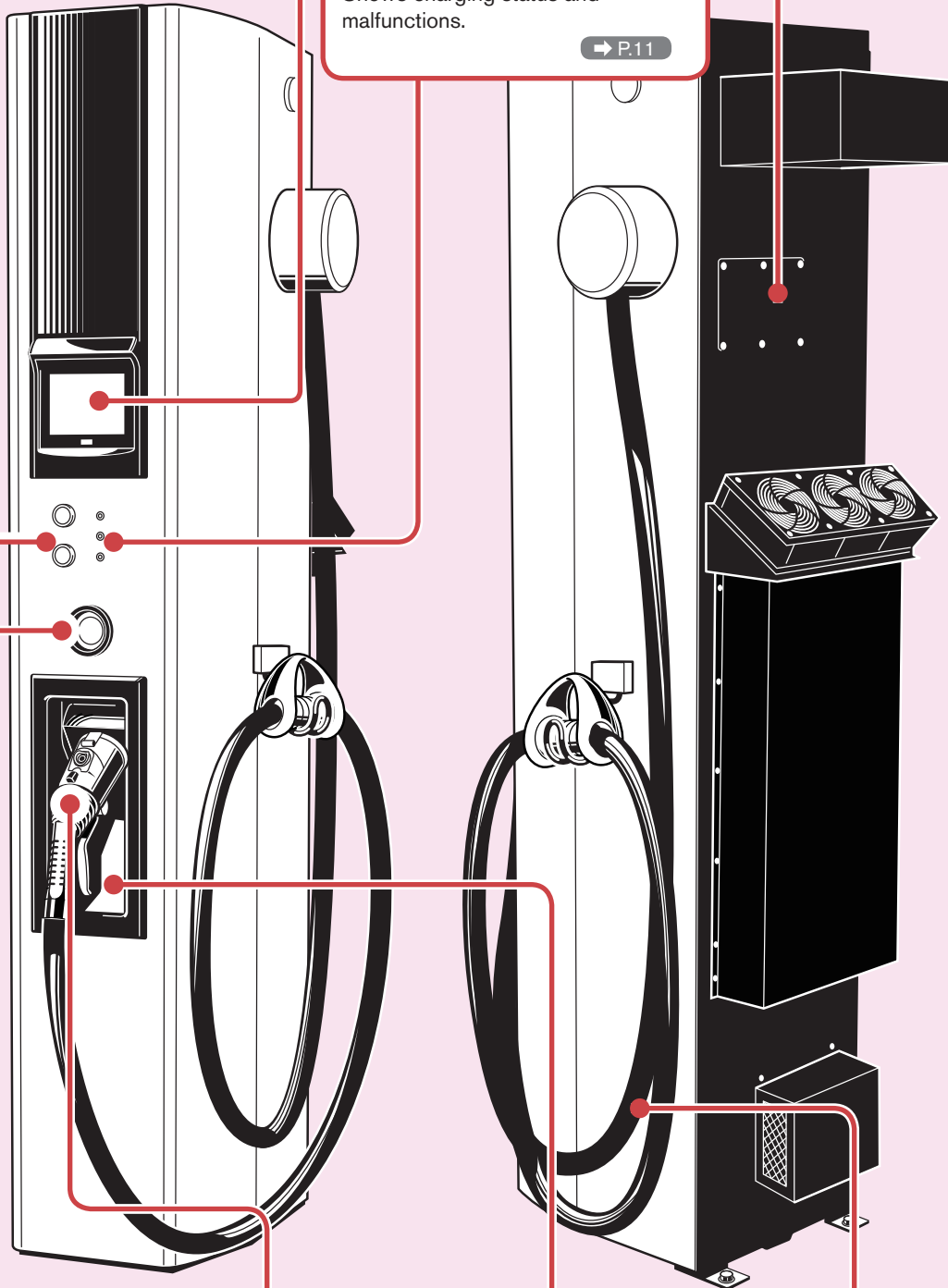
These turn the power of the charger ON/OFF.

→ P.10

LED lamp

Shows charging status and malfunctions.

→ P.11



EMERGENCY STOP button

Press this to stop the charger in an emergency.

→ P.19

Charge connector

This is connected to the EV when charging.

→ P.12, 16

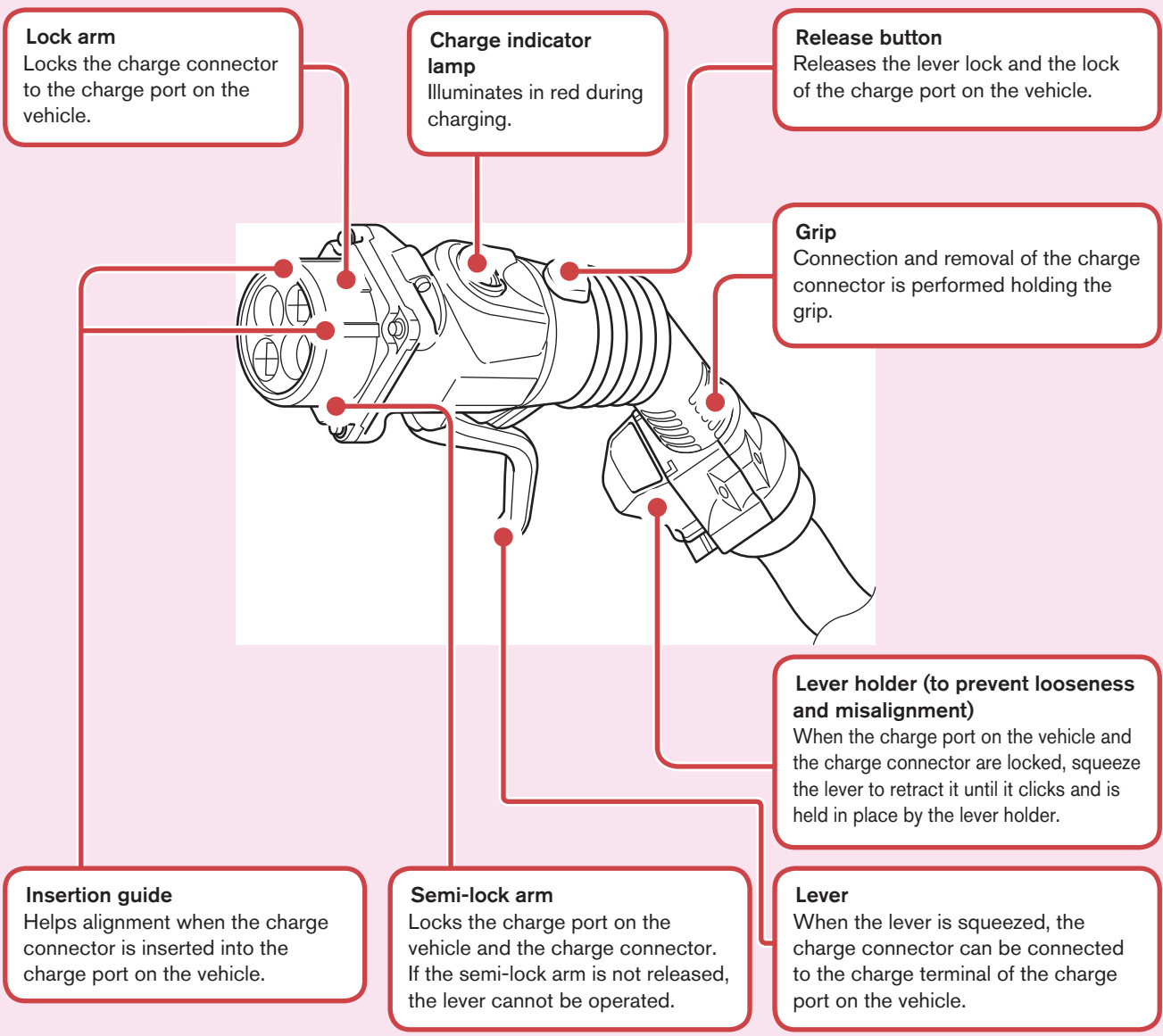
Charge connector holder

Used for storing the charge connector.

Charge cable

Conducts electricity when charging.

Charge connector



About this device

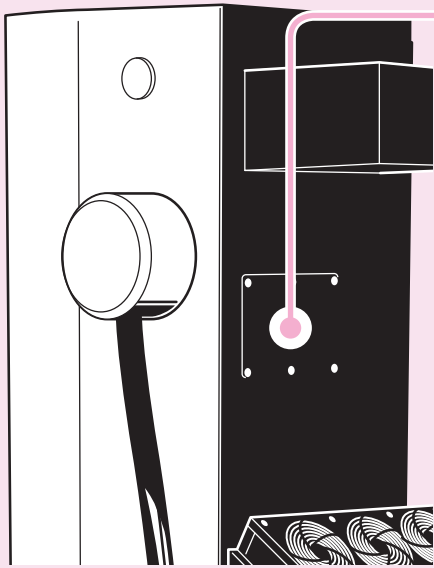
Charging

Troubleshooting

Using the management menu

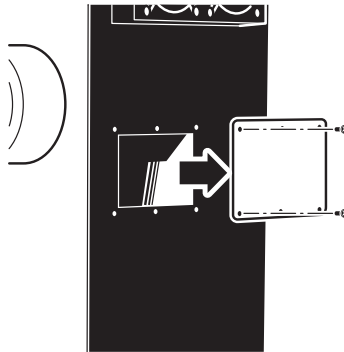
Inspection and care

Turning the power ON/OFF



1.

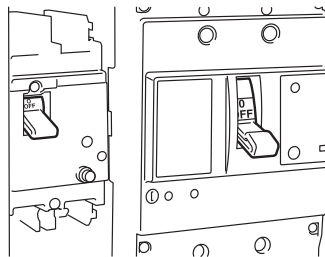
Remove the back cover



Use a Phillips screwdriver to loosen the screws and remove the back cover from the charger unit.

2.

Turn the power ON/OFF



When turning the power ON

Push both power breaker and control breaker switches up until the displays on the switches turn on.

When turning the power OFF

Push both power breaker and control breaker switches down until the displays on the switches turn off.

CAUTION

There is a risk that the charger could be damaged.



In order to dehumidify the inside of the unit, keep the power of the charger set to ON (both switches) at all times except during inspection or cleaning.

3.

Reinstall the back cover

Reinstall the back cover on the charger and tighten the screws with a Phillips screwdriver.

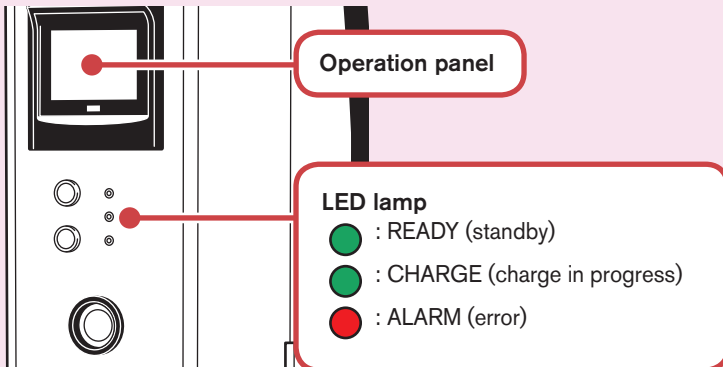
CAUTION

There is a risk that the charger could be damaged.






Do not use the charger with the back cover removed. There is a risk that water or dirt could get inside the unit.

LED lamp/operation panel display



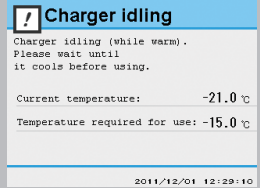
Operation panel











































LED lamp

-  : READY (standby)
-  : CHARGE (charge in progress)
-  : ALARM (error)

Note Idling screen (cold regions specifications only)

If the power is turned on when the surrounding temperature is -15°C or lower, the following screen will be displayed. When the temperature is -15°C or lower, the charger cannot be used if the interior of the charger is not warmed up.



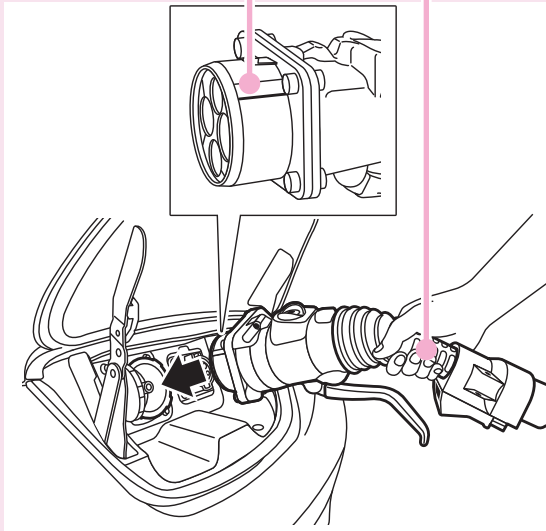
	Basic unit specifications	Standard unit specifications
Power ON (initializing)	   Illuminated 1 second	   Illuminated 1 second
(Standby)	   Illuminated	   Illuminated
Performing insulation test (communicating with vehicle)	   Flashing	   Flashing
Charging in progress	   Illuminated	   Illuminated
Completing charge (ending communication)	   Flashing	   Flashing
Charge complete	   All off*	   All off
Error/malfunction occurred	   Illuminated	   Illuminated

* After charging is completed, all LED lamps will turn off, the charger will immediately switch to standby and the READY light will illuminate.

Connecting the charge connector

✓ **Check the following points before connecting.**

- Before connecting the charge connector, check that the vehicle is in charge ready condition.
- For details about how to open the lid or port cap of the vehicle, refer to the owner's manual that was provided with the vehicle.



1. Insert into the charge port

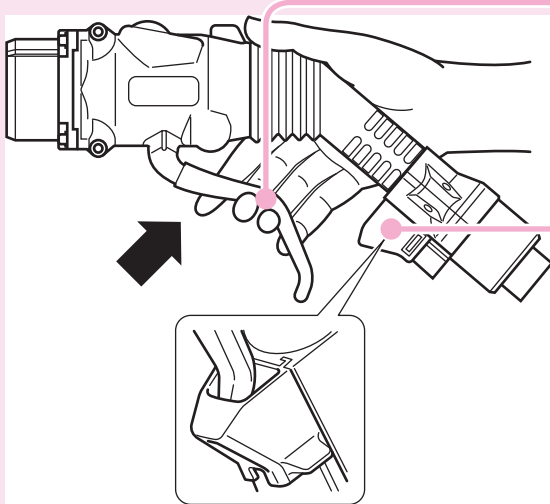
Check whether the lever is held in place by the lever holder. Hold the grip without squeezing the lever, align the insertion guide of the charge connector with the groove on the vehicle's charge port and insert the connector straight into the charge port until it reaches the end.

When the charge connector is completely inserted straight until the end, the lock arm on the connector terminal will be locked to the charge port. Pull the charge connector lightly towards you to check that it does not come loose.

CAUTION



In order to avoid damage to the charger, do not connect the charge connector to the vehicle's charge port while squeezing the lever or while the lever is held in place by the lever holder.



2. Lock the charge connector

If the lever is squeezed as far as it will go, the charge connector will be locked to the vehicle's charge port. The lever terminal will enter the lever holder and will be held in place. Check that the lever terminal is held in place by the lever holder.

CAUTION

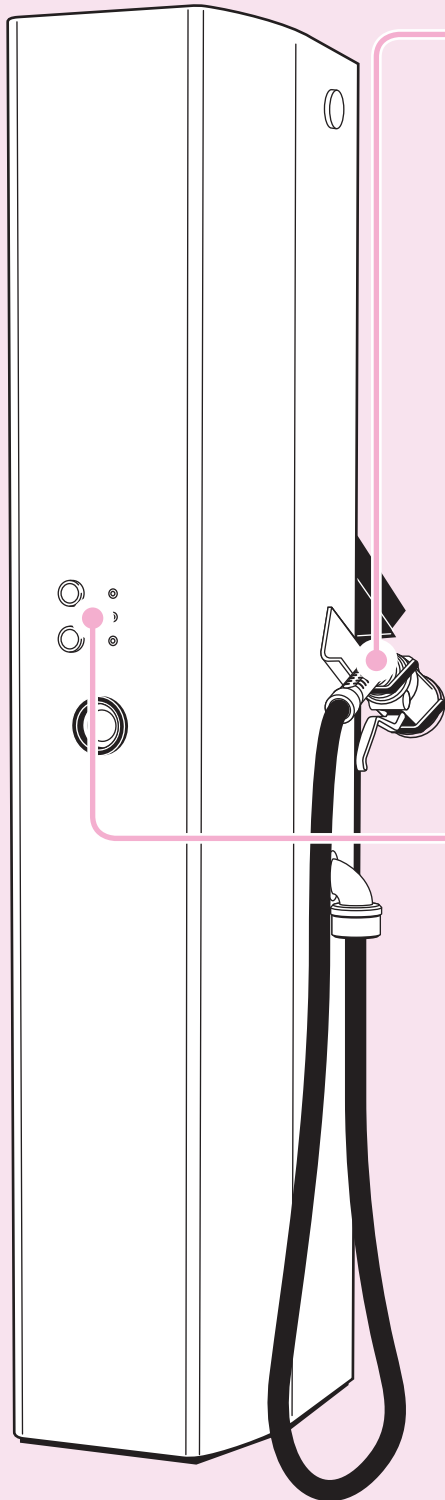


In order to avoid damage to the charger, do not forcibly remove the charge connector from the vehicle's charge port or attempt to move it while the lever is held in place by the lever holder.

Note If the START button is pressed before the charge connector is connected

If the START button is pressed when the charge connector is not connected, an error will be displayed by the LED lamp and the operation panel. Check that the charge connector is connected before pressing the START button. If an error is displayed, press and hold the STOP button to reset.

Operating the charger (basic unit specifications)



1. Connect the charge connector → P.12

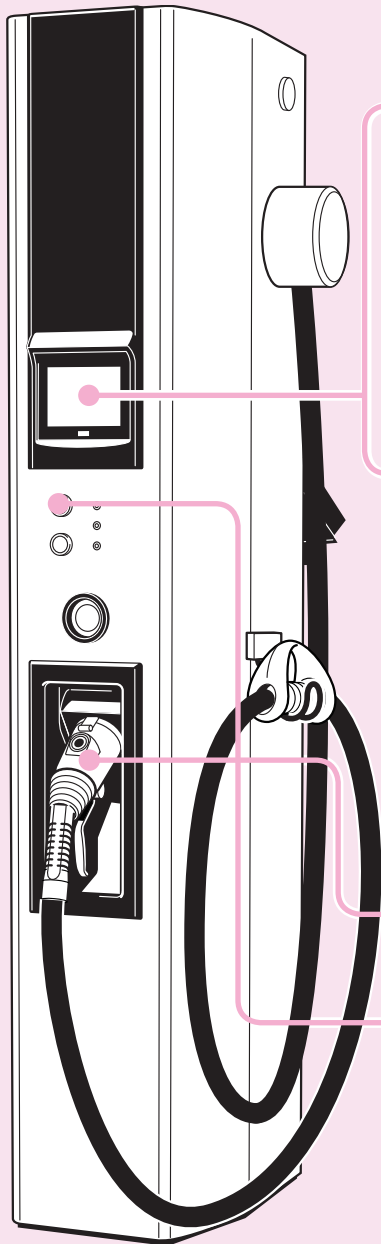
2. Press the START button

Note **To stop charging mid-way**

Press the STOP button to stop charging before the Li-ion battery is fully charged. To start charging again, disconnect the charge connector from the vehicle and begin the charging process from step 1.

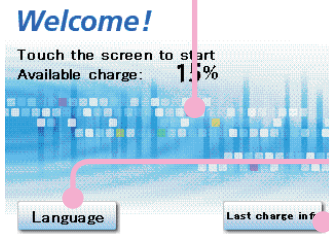
3. When the Li-ion battery is completely charged, remove the charge connector and place it on the charge connector hook → P.16

Operating the charger (standard unit specifications)



1.

Touch the operation panel



Touch the screen to display the next screen.

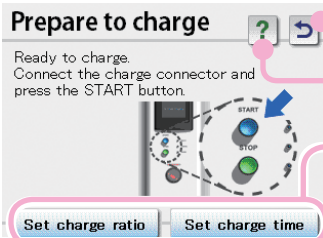
Note If the password screen is displayed after the screen is touched

The displayed language can be selected.

Display the previous charge complete screen.

2.

Prepare for charging



Return to the previous screen.

Display the Help screen.

Specify the charge completion percentage and charge time.

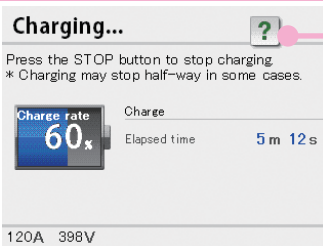
Note If **Set charge ratio** or **Set charge time** is not displayed.

3.

Connect the charge connector → P.12

4.

Press the START button



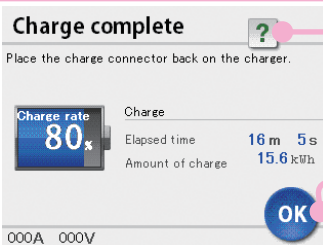
Display the Help screen.

Note To stop charging mid-way

If the STOP button is pressed, charging will stop. To start charging again, disconnect the charge connector from the vehicle and begin the charging process from step 1.

5.

Finish charging



Display the Help screen.

When this is touched, a "Thank you" message will be displayed and the system will return to the initial screen.

6.

Remove the charge connector → P.16

Enter your password

Return to the previous screen.

Use the number pad to enter your password.

Touch **Clear** to delete the password entered.

Touch **OK** after entering your password.

Note To set password mode
In the management menu, display/non-display of the password screen can be set and changes can be made to the user password.

→ P.22

Select a language to be displayed

Return to the previous screen.

Touch the language you want displayed. The selected language will be highlighted.

Touch **OK** to confirm the language selected.

Note To reset the language to the default setting
The language displayed initially can be set in the management menu.

→ P.22

Specifying the charge completion percentage and charge time

Return to the previous screen.

Touch to set the conditions you want. Settings can be adjusted by 5% and 5 minute intervals.

Touch to confirm the setting.

Note Upper limit settings for charge completion percentage and charge time
The upper limits for both charge completion percentage and charge time can be set in the management menu. If an upper limit is set, buttons will only be displayed for conditions within the limit set.

→ P.22

? Help screen

By touching **?** on the screen, you can check the procedures for all operations.

- Preparing to charge... Connection of charge connector → start charging
- Stop charging..... Stop charging before charging is complete
- Charge complete..... Charge complete → remove charge connector

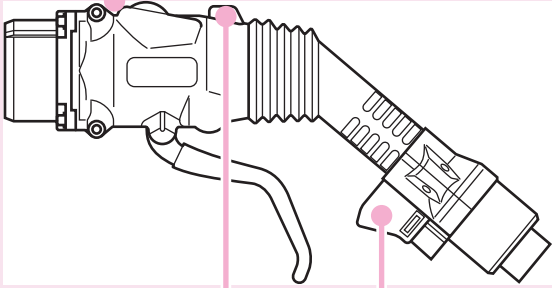
Press **◀** to return to the previous procedure.

Press **▶** to advance to the next procedure.

Touch to close the procedure screen.

* The screenshot shown is an example only.

Remove the charge connector



1. Check the charge indicator lamp

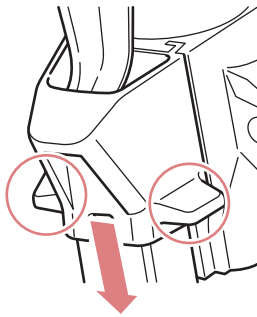
A red lamp is illuminated during charging. Check that charging is completed and that the lamp has turned off.

WARNING



To avoid electric shock or damage to the charger, do not remove the charge connector from the charge port while the vehicle is being charged. Because it is locked during charging, do not try to forcibly remove it.

2. Return the lever to its original position



Keep the lever holder held down. Press the release button and check that the lever returns to its original position.

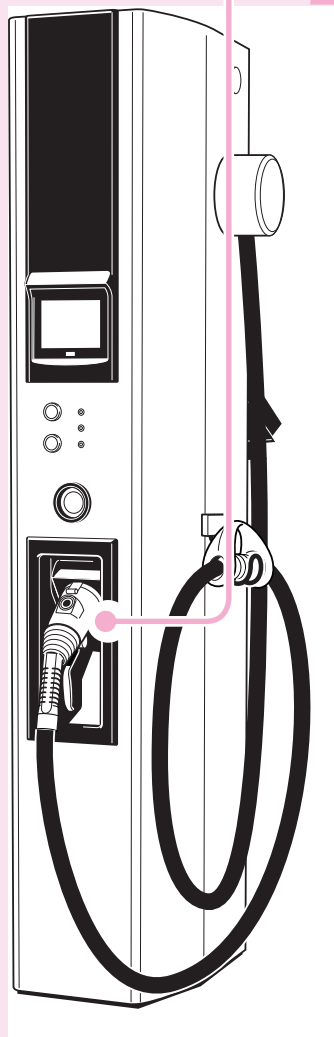
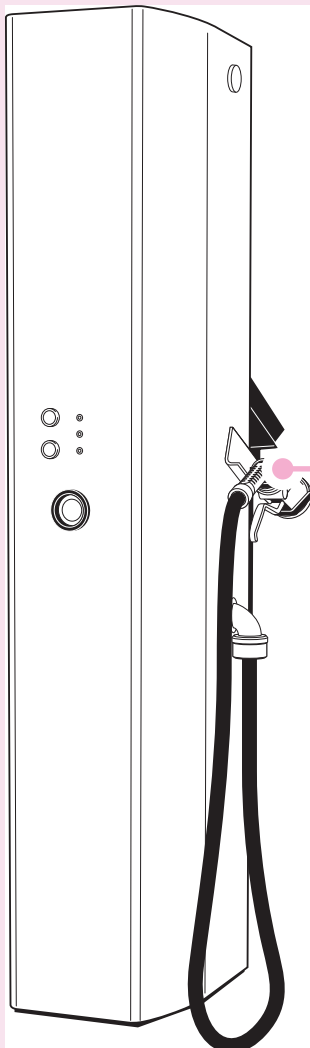
CAUTION



To avoid damage to the charger, do not forcibly move the charge connector while the lever is in the lever holder.

3. Remove the charge connector

While pressing the release button, pull the charge connector out straight to remove it from the charge port.



4. Put the charge connector away

For charger with basic unit specifications

Hang the charge connector on the connector hook on the charger unit.

For charger with standard unit specifications

Store the charge connector in the connector holder on the middle of the charger unit.



CAUTION



To avoid damage to the charger, properly store the charge connector in its specified location.

Troubleshooting guide

Before requesting service by a sales representative, please review the guide items. If it is not possible to determine what the problem is using these methods, or if a problem has occurred which is not described here, contact a sales representative.

Symptom	Cause	Action
Charging does not start.	The power to the unit is OFF.	Turn the power ON.
	The charge connector is not connected properly.	Connect the charge connector properly and check that it does not come out.
	The power of the vehicle is ON.	Turn the vehicle OFF.
	A normal charge connector is connected at the same time as the quick charge connector.	Remove one of the charge connectors.
	The vehicle battery is fully charged.	Charging will not start if the battery is fully charged.
	The battery temperature is very high.	Check the battery temperature gauge in the vehicle. Charging is not possible when the battery temperature is very high. Wait until the battery temperature has reduced.
	The 12V battery is discharged.	Charge the 12V battery or replace it.
Negative insulation test result	The vehicle may have a malfunction.	Stop charging immediately and contact your vehicle dealer.
Interference is audible on the AM band of the radio.	Because the radio may use the same frequency as the quick charger, interference is normal.	Avoid using the AM band while charging or use a different audio source.
Charging stops before the Li-ion battery is fully charged.	Charging stops at the user selected charge completion percentage or charge time.	When the user selected charge percentage or charge time is reached, charging will stop. To charge the vehicle further, perform the operation again.
	The amount of charge is close to 90%.	When charging is started with the amount of charge remaining in the battery being approximately 50% or less, charging will stop once the amount of charge is close to 90%. To charge the vehicle further, perform the operation again.
	The charge time has reached 60 minutes.	Depending on the vehicle, charge time is set to a maximum of 60 minutes. Charging will stop automatically once this has elapsed. To charge the vehicle further, perform the operation again.
	The battery temperature is very high or very low.	Check the battery temperature gauge in the vehicle. Charging may automatically stop depending on the temperature of the Li-ion battery.
The battery does not fully charge.	The vehicle battery is close to full charge.	This is not a malfunction. When the battery is close to full charge, it may take more time than normal to complete charging.
	The outside temperature is 0°C or lower.	This is not a malfunction. When the outside temperature is very low, it may take more time than normal to complete charging.
Charging was completed before the specified time was reached.	The vehicle battery is fully charged.	Charging will not start if the battery is fully charged.
	The battery temperature is very low.	Check the battery temperature gauge in the vehicle. There may be cases when charging stops, depending on changes in the outside temperature.
	The storage capacity of the battery is reduced.	Contact your vehicle dealer.
Nothing is displayed on the operation panel.	The power of the unit is OFF.	Turn the power of the device ON.
	There is a malfunction in the LCD display.	Contact a sales representative.
"Remaining charge low" is displayed on the operation panel.	The remaining charge in the battery used by the operation panel is low.	Contact a sales representative.
"Communication error" is displayed on the operation panel.	The operation panel and the charger are not connected properly.	Contact a sales representative.

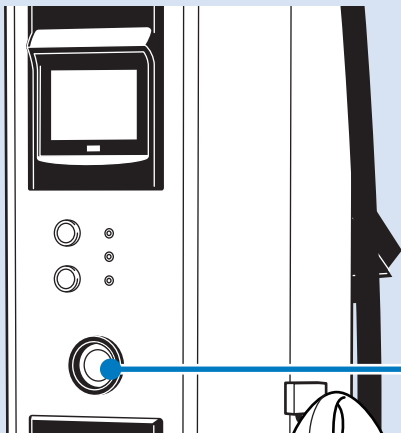
In an emergency

WARNING

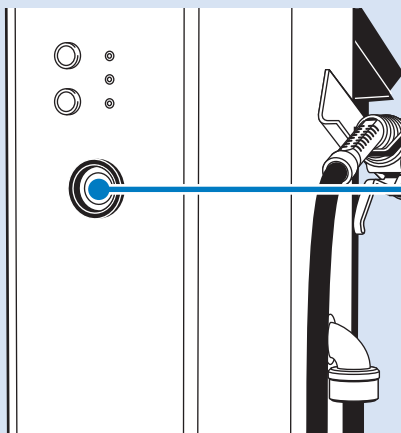


- In an emergency, immediately press the EMERGENCY STOP button.
- If you discover that the charger or the control unit is damaged, press the EMERGENCY STOP button immediately to stop the charger (even if the charger is in standby or if charging is in progress) and contact a sales representative.

Standard unit specifications



Basic unit specifications



1. Press the EMERGENCY STOP button

On chargers with standard unit specifications, there is a button cover on the front of the EMERGENCY STOP button. Press this down.

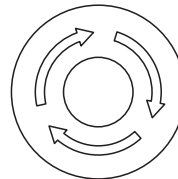
CAUTION

There is a risk of injury to fingers.



To avoid injury when the EMERGENCY STOP button has been pressed, be careful not to injure fingers on the edge of the button cover.

To reset after an emergency stop
(basic unit specifications)



Turn the EMERGENCY STOP button clockwise to return it to its original position to perform a reset.

WARNING



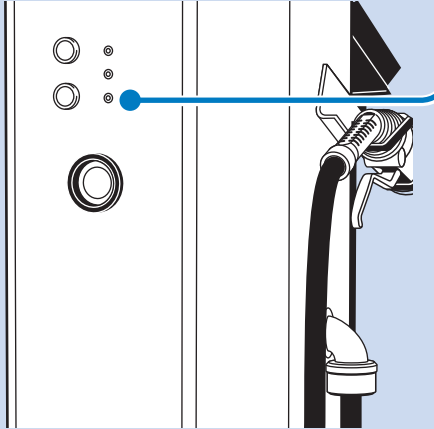
To avoid electric shock or damage to the charger, be sure all power is turned OFF before resetting after an emergency stop has been performed.

Note Resetting charger with standard unit specifications

To reset a charger with standard unit specifications, contact a sales representative. If the button cover is removed, protect the opening of the button using packing tape or plastic so that it cannot be operated.

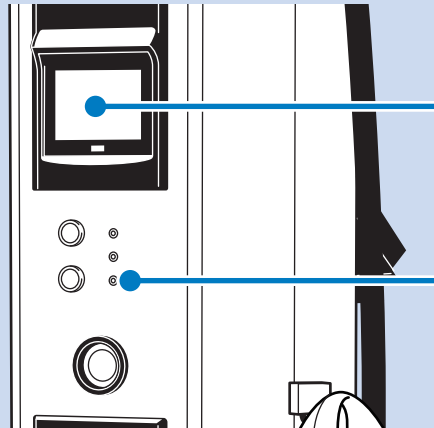
If an error or malfunction is displayed

Basic unit specifications



If the device has an error or malfunction, the LED lamp alarm will illuminate (in red). If an error or malfunction is illuminated, press and hold the STOP button to reset. If the problem cannot be resolved by performing a reset, contact a sales representative.

Standard unit specifications

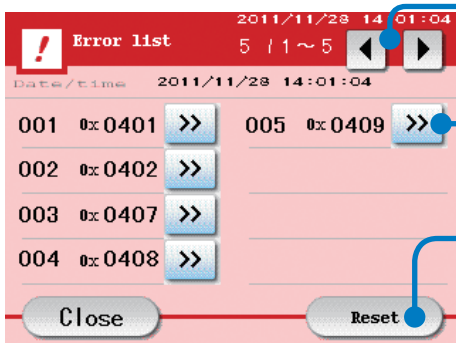


If an error or malfunction occurs in the charger, the LED lamp alarm will illuminate (in red) and the error or malfunction screen will be displayed on the operation panel. Proceed according to the instructions displayed on the operation panel. If an error or malfunction is displayed, press and hold the STOP button or touch **Reset** on the screen to reset.



Touch to switch to the error list screen.

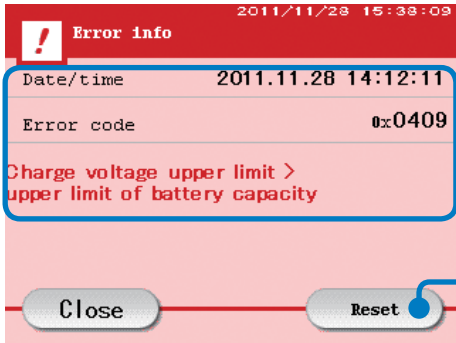
Touch to reset after an error or malfunction has occurred.



Touch to switch between pages.

Touch to switch to the error details screen.

Touch to reset after an error or malfunction has occurred.



The time/date of the error, the error code and details of the error will be displayed.

Touch to reset after an error or malfunction has occurred.

Overview of error codes (standard unit specifications)

Error code	Classification	Description of malfunction	Action
0 x 0401	Vehicle error	Charge voltage upper limit > upper limit of battery capacity	Vehicle error. Remove the charge connector from the vehicle and perform reset.
0 x 0402	Vehicle error	Charge voltage upper limit > possible output voltage for charger	Vehicle error. Remove the charge connector from the vehicle and perform reset.
0 x 0404	Vehicle error	CAN not received after <D1> signal ON (timeout)	Vehicle error. Remove the charge connector from the vehicle and perform reset.
0 x 0405	Vehicle error	Incompatible battery specification (time out)	Vehicle error. Remove the charge connector from the vehicle and perform reset.
0 x 0406	Vehicle error	<Charging permission> signal time out	Vehicle error. Remove the charge connector from the vehicle and perform reset.
0 x 0407	Vehicle error	Battery voltage output error	Vehicle error. Remove the charge connector from the vehicle and perform reset.
0 x 0408	Vehicle error	No battery voltage output error (time out)	Vehicle error. Remove the charge connector from the vehicle and perform reset.
0 x 0409	Vehicle error	Charge relay adhesion error (time out)	Vehicle error. Remove the charge connector from the vehicle and perform reset.
0 x 040A	Vehicle error	The shift selector of the vehicle is set to a shift position other than "parking"	Vehicle error. Remove the charge connector from the vehicle and perform reset.
0 x 040B	Vehicle error	CAN shut off error (time out)	Vehicle error. Remove the charge connector from the vehicle and perform reset.
0 x 040C	Vehicle error	Current command time out	Vehicle error. Remove the charge connector from the vehicle and perform reset.
0 x 040D	Vehicle error	Request for large amount of current from vehicle	Vehicle error. Remove the charge connector from the vehicle and perform reset.
0 x 0101	Vehicle malfunction	Vehicle malfunction error (CAN): excess battery voltage	Vehicle error. Remove the charge connector from the vehicle and perform reset.
0 x 0102	Vehicle malfunction	Vehicle malfunction error (CAN): insufficient battery voltage	Vehicle error. Remove the charge connector from the vehicle and perform reset.
0 x 0103	Vehicle malfunction	Vehicle malfunction error (CAN): battery current discrepancy	Vehicle error. Remove the charge connector from the vehicle and perform reset.
0 x 0104	Vehicle malfunction	Vehicle malfunction error (CAN): high battery temperature	Vehicle error. Remove the charge connector from the vehicle and perform reset.
0 x 0105	Vehicle malfunction	Vehicle malfunction error (CAN): voltage discrepancy	Vehicle error. Remove the charge connector from the vehicle and perform reset.
0 x 0106	Vehicle malfunction	Vehicle malfunction error (CAN): other malfunction	Vehicle error. Remove the charge connector from the vehicle and perform reset.
0 x 1001	Charger warning	Emergency stop detected	Basic unit specifications: Release the EMERGENCY STOP button. After releasing, perform reset. Standard unit specifications: Contact a sales representative.
0 x 0501	Charger error	Watchdog error	Contact a sales representative.
0 x 0502	Charger error	State transition error (main) * Error due to software abnormality being detected	Contact a sales representative.
0 x 0503	Charger error	CAN transmission error	After releasing, perform reset. If the problem cannot be rectified, contact a sales representative.
0 x 0504	Charger error	CAN receiving error	After releasing, perform reset. If the problem cannot be rectified, contact a sales representative.
0 x 050D	Charger error	Monitor communication error	Check whether a communication error is displayed on the operation panel. Contact a sales representative.
0 x 050E	Charger error	Equipment settings parameter readout error * Error due to software abnormality being detected	Contact a sales representative.
0 x 0510	Charger error	Charger insulation error	Contact a sales representative.
0 x 0511	Charger error	Inverter error CT1	Contact a sales representative.
0 x 0512	Charger error	Inverter error CT2	Contact a sales representative.
0 x 0513	Charger error	Inverter error OV1	Contact a sales representative.
0 x 0514	Charger error	Inverter error OV2	Contact a sales representative.
0 x 0516	Charger error	Inverter error SNB	Contact a sales representative.
0 x 0001	Charger malfunction	Connector lock wiring disconnection detected	Check that the charge connector is connected to the vehicle. After checking, perform reset.
0 x 0002	Charger malfunction	Voltage output fuse disconnection detected	Contact a sales representative.
0 x 0003	Charger malfunction	Ground error detected	Contact a sales representative.
0 x 0005	Charger malfunction	Gate circuit board short circuit	Contact a sales representative.
0 x 0006	Charger malfunction	MC3 adhesion	Contact a sales representative.
0 x 0007	Charger malfunction	Fan fuse disconnection detected	Contact a sales representative.
0 x 0008	Charger malfunction	Error in ground error detection circuit	Contact a sales representative.
0 x 2001	Charger malfunction	Input voltage disequilibrium	Contact a sales representative.
0 x 0518	Charger error	Inverter error (software detection) CT1	Contact a sales representative.
0 x 0519	Charger error	Inverter error (software detection) CT2	Contact a sales representative.
0 x 051A	Charger error	Inverter error (software detection) OV1	Contact a sales representative.
0 x 051B	Charger error	Inverter error (software detection) OV2	Contact a sales representative.
0 x 051C	Charger error	Inverter error (software detection) OV3	Contact a sales representative.
0 x 051D	Charger error	Insufficient input voltage (ELCB1 secondary voltage)	Contact a sales representative.
0 x 051E	Charger malfunction	Thermostat error	Check that there is nothing blocking the ventilation port of the charger. If the problem cannot be rectified by performing a reset, contact a sales representative.
0 x 051F	Charger malfunction	Upper and lower limits exceed the input voltage	Contact a sales representative.

Note If the error screen does not turn off

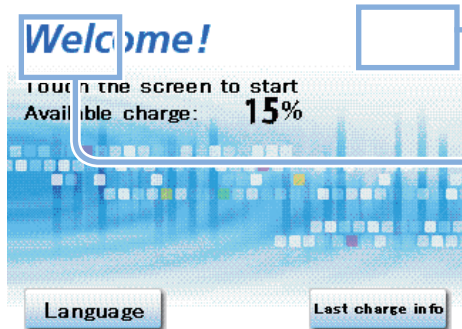
If the error screen does not turn off and the error cannot be rectified even when reset is performed after the STOP button is pressed and held, contact a sales representative.

Operating the administrator menu (standard unit specifications)

Displaying the administrator menu

1.

Entering commands



First, touch the upper right side corner of the operation panel three times while the standby screen is displayed.

Next, touch the upper left edge of the screen twice.

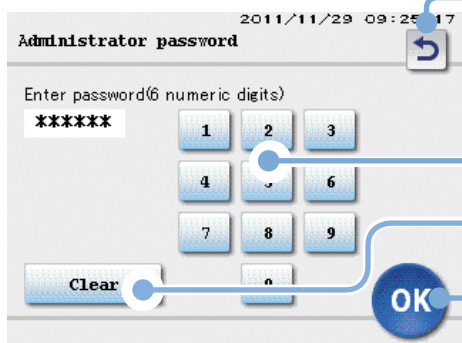
If the commands are entered correctly, the administrator password screen will be displayed.

If it is not displayed, perform the commands again from the beginning.

2.

Enter the Administrator password

The administrator password is set to "000000" by default at the time of purchase.



Return to the previous screen.

Touch the number key pad and enter the password. Enter a 6 digit password when the charger is installed.

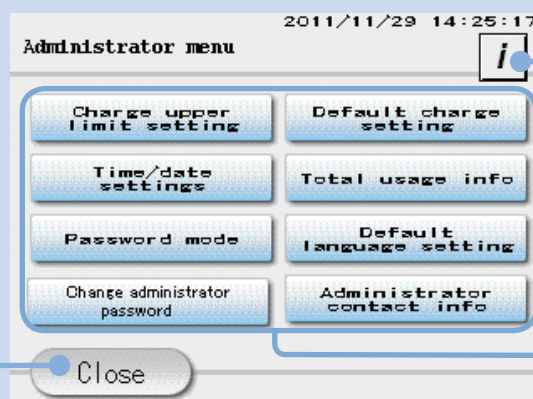
Administrator password

Touch to delete the password entered.

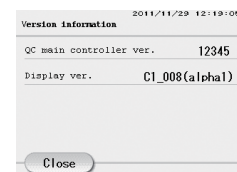
Touch to confirm after entering your password.

If the commands are entered correctly, the administrator menu will be displayed.

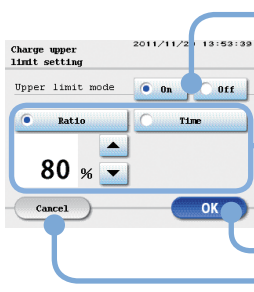
Performing administrative settings



Display the controller version and screen version information for the charger.



Touch to close the administrator menu.



On Upper limit settings can be performed.
 Off Cancel upper limit settings.

The settings screen is displayed if the set condition is touched.
 Touch ▲ or ▼ to set.
 Settings can be adjusted by 5% and 5 minute intervals.

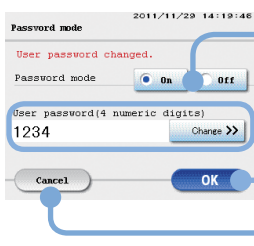
Confirm the setting.
 Return to the previous screen.

Note **Upper limit settings**
 The upper limits for both charge completion percentage and charge time can be set at the same time. Select either to perform the setting.



Touch ▲ or ▼ to set the date and time.

Confirm the setting.
 Return to the previous screen.



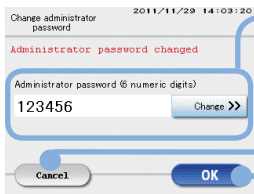
On The password screen is displayed before preparing to charge.
 Off Cancel password mode.

Display the current user password.
 To change the password, touch Change >> .
 The user password must be 4 digits.

Confirm the setting.
 Return to the previous screen.

If a new user password has been set, it is a good idea to make a note of it in this manual.

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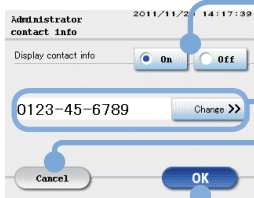


Displays the current contact telephone number.
 To change the contact telephone number, touch Change >> .
 The password must be 6 digits.

Return to the previous screen.
 Confirm the setting.

When a new password has been set, make a note of it here.

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On Display the contact telephone number on the error screen.
 Off The contact telephone number is not displayed.

Display the current telephone number.
 To change the telephone number, touch Change >> .

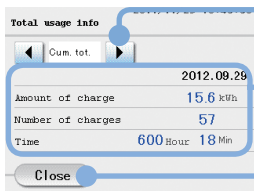
Return to the previous screen.
 Confirm the language selected.

Note **Contact telephone number**
 Enter the contact telephone number of the company that manages the charger or the owner of the device. This will be displayed to the users of the charger. If there is no contact telephone number it is recommended that you set this to "Off".



Touch the language you want displayed. The selected language will be highlighted.

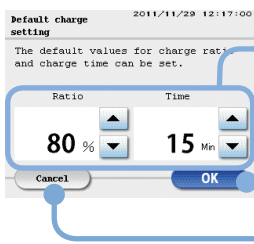
Return to the previous screen.
 Confirm the language selected.



The time you want it to be displayed can be selected.
 The contact telephone number is not displayed.

Display the total electrical output, total frequency and total time for the selected time.

Return to the previous screen.



When the user has specified the charge completion percentage or charge time, the value that is initially displayed can be set.
 Touch ▲ or ▼ to set.
 Settings can be adjusted by 5% and 5 minute intervals.

Confirm the setting.
 Return to the previous screen.

Daily inspection and cleaning

WARNING



- Make sure that water does not enter the main unit.
- Do not insert foreign objects into the ventilation fan or cooling fan.

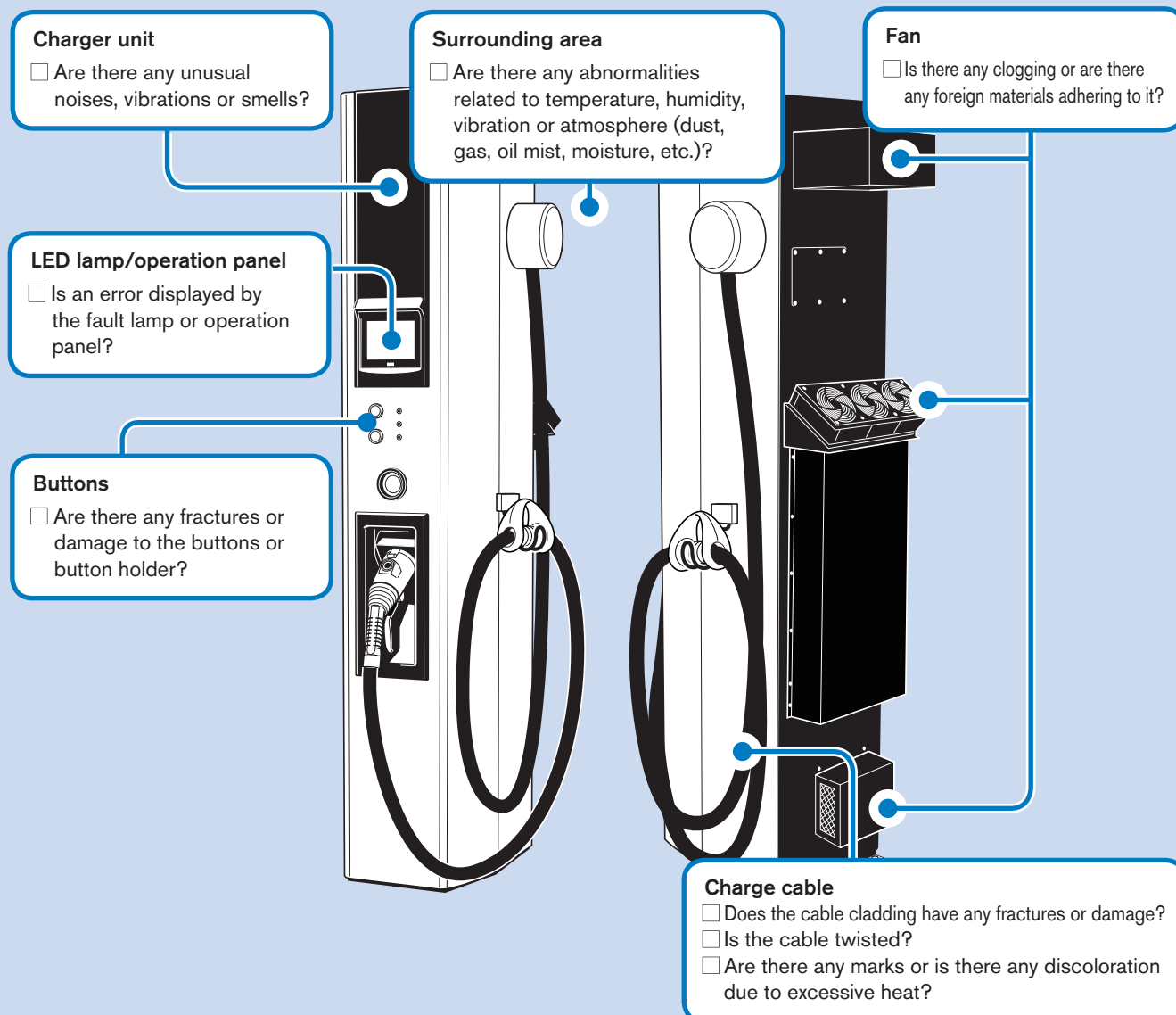


- If an abnormality is discovered during inspection, immediately contact a sales representative.
- When inspecting and cleaning the charger, be sure to turn the power OFF.

In order to use the charger correctly and safely, the charger owner (the administrator) should implement the daily inspections listed below.

- Make copies of the inspection items on pages 24 and 25 and refer to them when performing an inspection.
- Add a check to the check boxes of inspection items that have been completed and make sure that no items are omitted from the inspection.

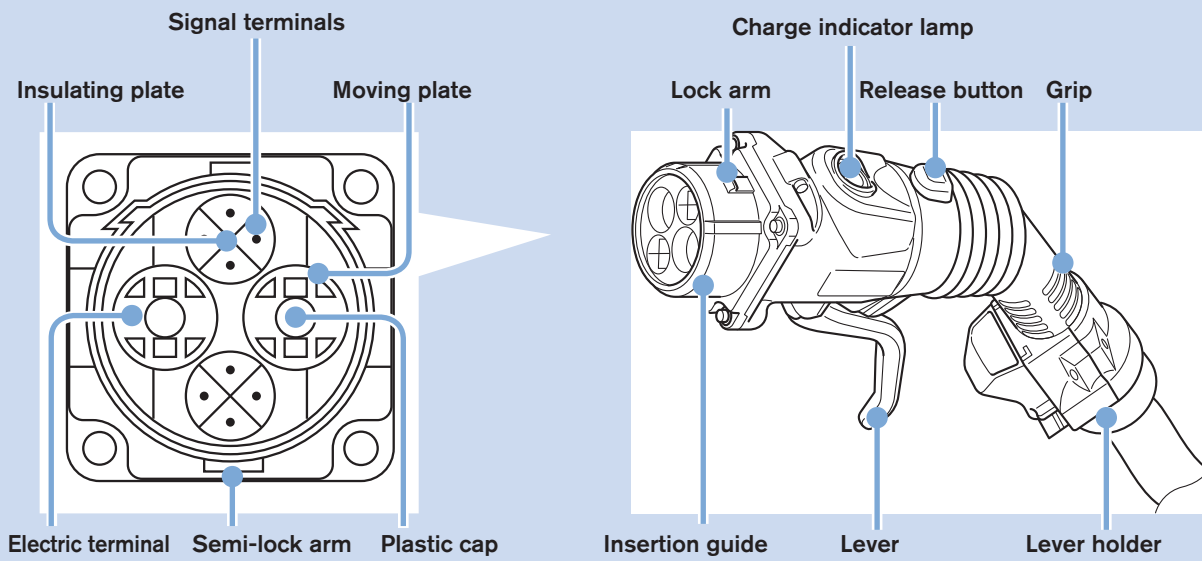
Inspecting the charger unit



Cleaning

- Use a neutral detergent to clean stains off the surfaces of the charger unit.
- Use an electric vacuum cleaner to remove dirt and dust.
- Use a dry cloth to wipe moisture off the surfaces of the charger.

Inspecting the charge connector



Inspection item	Description of inspection	Check box
Check connector	Are there any dents on the connector?	<input type="checkbox"/>
	Are there any large scratches on the connector?	<input type="checkbox"/>
	Is any rust visible on the connector?	<input type="checkbox"/>
	Are the screws inserted properly on the connector?	<input type="checkbox"/>
	Is the grip bent?	<input type="checkbox"/>
	Is there damage to the rubber on the grip?	<input type="checkbox"/>
	Is the lever bent?	<input type="checkbox"/>
	Is the lever holder damaged?	<input type="checkbox"/>
	Is the release button engaged?	<input type="checkbox"/>
	Is the charge indicator lamp damaged?	<input type="checkbox"/>
Check the connector terminal (plastic)	Is the terminal (plastic) damaged?	<input type="checkbox"/>
	Is the terminal (plastic) deformed?	<input type="checkbox"/>
	Have any foreign materials such as stones, dust or gum, etc. entered the terminal (plastic)?	<input type="checkbox"/>
Check lock arm	Is the lock arm attached?	<input type="checkbox"/>
	Is the lock arm missing?	<input type="checkbox"/>
	Is the lock arm bent?	<input type="checkbox"/>
Check semi-lock arm	Is the semi-lock arm attached?	<input type="checkbox"/>
	Is the semi-lock arm missing?	<input type="checkbox"/>
	Is the semi-lock arm bent?	<input type="checkbox"/>
Check plastic cap on electric terminal	Has the plastic cap been removed?	<input type="checkbox"/>
Check moving plate	Has the moving plate been removed?	<input type="checkbox"/>
Check signal terminals (x 7) * 1 is open	Is there any damage to the signal terminals such as bending or fractures? (Rough indication for bending: within 0.031 inch (0.8 mm) of the center/rough indication of length: 0.394 - 0.433 inch (10 - 11 mm) from the upper surface of the cross part of the insulating plate to the pin connector)	<input type="checkbox"/>
Check operation of lever (when locked)	Can the lever be operated when the semi-lock arm is released?	<input type="checkbox"/>
	When the lever is operated, is it maintained in the lever holder?	<input type="checkbox"/>
Check operation of lever (with lock released)	Does the sliding part of the lever holder move smoothly?	<input type="checkbox"/>
	Does the lever move smoothly when the release button is pressed?	<input type="checkbox"/>

Periodic inspection

The expected lifespan of the charger is 8 years. In order to use the charger safely over a long period of time, NISSAN recommends having periodic inspection performed by a NISSAN specified sales representative (at cost to the customer). This product includes wear items (components that are expected to wear out through normal use and to be replaced by the customer). In order to prevent damage to the charger caused by the exceeding the lifespan of wear items, NISSAN recommends that the customer perform part replacement. When replacing parts, contact a NISSAN specified sales representative. For more details, please contact the dealer where the charger was purchased.

Please also understand that components may wear at different rates depending on the environment where the charger is installed and the conditions in which it is used.



- Have periodic inspection performed according to the specified intervals. Failure to do so could result in damage to the charger or a vehicle.

About this device

Charging

Troubleshooting

Using the management menu

Inspection and care

Questions regarding this product

If you have any questions regarding any aspect of this product, contact your sales representative.
For more details, please contact the dealer where you purchased the charger.

Malfunctions and repairs

Omron Field Engineering Co., Ltd. Call Center

Tel: 0120-23-9195 (toll free)

Operators available 24 hours a day, 365 days a year

Electric Vehicle Quick Charger Owner's Manual

Parts number : T00UM-DP00A

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