

User Manual

Electric Vehicle Charger

*Read the "Safety Precautions" before use to ensure safe operation.
After reading the user manual, store it in an accessible place for easy reference.*

EVW011SK-SN

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Open Source Software Notice Information

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LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com.

This offer is valid to anyone in receipt of this information for a period of three years after our last shipment of this product.

PRE-CHECK INFORMATION

- The information provided in this document includes general descriptions or technical characteristics of the included product.
- This document is not intended to be used or replaced for specific users who wish to determine the suitability or reliability of this product.
- Users or those responsible for this product need to know correct usage and perform risk assessment in advance, and evaluation and testing related to specific applications or use of the product are required.
- Please inform us if there are errors or modifications needed in this document.
- To install and use this product, safety regulations of the relevant country and region must be strictly complied with.
- For safety reasons and compliance with documented system data, only the manufacturer is obliged to repair parts. Proper training is necessary to use the product in accordance with technical safety requirements.
- Failure to use the software of our hardware products accurately can lead to injuries, damage, or operational errors.

SIGNS ON THE EVSE

- Please read the manual carefully before installation, operation, and maintenance of the product. The following messages will appear throughout the document to warn of potential dangers or provide information for explaining procedures.

	This is a safety prevention symbol. Caution: If these safety precautions are not followed, injuries or damage can occur.
	Hazard signs relate to high voltage matters. If the safety rules and instructions in this manual are not adhered to, death or serious injury could occur due to electric shock and burns.

IMPORTANT SAFETY INSTRUCTIONS

WARNING

This manual contains important instructions for Models EVW007SK-SN that shall be followed during installation, operation and maintenance of the unit.

- 1 *Read all the instructions before using this product.*
- 2 *This device should be supervised when used around children.*
- 3 *Do not put fingers into the electric vehicle connector.*
- 4 *Do not use this product if the flexible power cord or EV cable is frayed, has broken insulation, or any other signs of damage*
- 5 *Do not use this product if the enclosure or the EV connector is broken, cracked, open, or shows any other indication of damage.*
- 6 ***First, read this:** This document includes important safety information. Before repairing or performing any maintenance in case of malfunction, read the entire manual first.*
- 7 ***Qualified personnel:** The charger must be installed, disassembled, or inspected by an electrician in accordance with the electrical regulations of the relevant area. The information in this manual does not alleviate the reader's responsibility for local safety regulations and standard regulations.*
- 8 ***Electric shock accident:** There can be a potential risk of fatal electric shock accidents. Inspection of the product's interior must be performed exclusively by a certified electrician.*
- 9 ***Do not modify.:** Do not arbitrarily modify the charger. Doing so will void the warranty period and could result in a fatal electric shock or fire.*

INSTRUCTIONS PERTAINING TO A RISK OF FIRE OR ELECTRIC SHOCK

- *To prevent the risk of fire or electric shock accidents, please read and follow these safety precautions and operating procedures carefully.*
- *There is a risk of electric shock. Do not connect the electric vehicle and the charger before the inspection. Just turning off the charger does not reduce the risk.*
- *Do not touch the non-insulated parts of the output connector. There could be a serious risk of electric shock.*
- *Do not use a connector with exposed damaged wires or a damaged connector. Replace all damaged parts with new ones before operation.*
- *Do not disassemble the charger. Have it inspected by a certified technician. Incorrect assembly can cause an explosion, electric shock, or fire.*
- *Never use the charger if the vehicle's inlet or charger connector is wet.*
- *Do not install or operate with wet hands. There is a risk of electric shock.*
- *Disconnect the input power before opening the charger case. Contact with electrically live parts of the charger can lead to electric shock accidents, serious injuries, or even death.*
- *Perform grounding work according to national electrical safety standards and local electrical safety standards. Not grounding properly can lead to fatal electric shock accidents.*

⚠ CAUTION

- Ensure the charger connector is free from water, humidity, or foreign substances.
- Do not place the charger near flammable materials during use. Keep it away from carpets and cluttered workspaces.
- Educate children to prevent them from playing with the device.
- Users are responsible for adhering to national and local electrical safety standards in the area where the device is installed.
- Do not connect or disconnect the connector while charging. Doing so damages the connector, and may damage the charger or cause the battery to explode.
- Do not operate the charger with the panel removed or the door open.
- If the charger is dropped, suffered a severe shock or any other type of damage, do not operate it. Call a service manager.
- In dusty environments, more frequent maintenance is required for maximum device lifespan and optimal performance.
- Do not use the charger during heavy rain or lightning.
- **Electric shock accident:** There is a risk of electric shock. Hazardous electrical energy is stored in the capacitor. Even if the electric supply to the charger is cut off, do not open the charger case for at least 5 minutes after disconnection.
- Ensure that the power supply to the charger is off before proceeding with charger maintenance procedures
- To reduce the risk of fire, connect only to a circuit provided with 60 amperes maximum branch circuit overcurrent protection in accordance with the applicable National Installation Codes in Annex A, Ref. 1 .
- Do not use this product if there is any damage to the unit.
- **GROUNDING INSTRUCTIONS :** This product must be connected to a grounded, metal, permanent wiring system, or an equipment grounding conductor must be run with the circuit conductors and connected to the equipment grounding terminal or lead on the product

SAVE THESE INSTRUCTIONS

MOVING AND STORAGE INSTRUCTIONS

EVW011SK-SN

For maximum performance, please read the following instructions.

Transportation and Delivery

Check the product box for any damage.

After opening the box, confirm there are no damage or abnormalities in the product's appearance.

When transporting the product, keep the cover locked. Causing shocks or dropping the product during transportation can result in product damage.

the device is not to be lifted or carried by either the flexible cord or the EV cable.

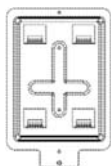
Storage

Before installing and powering the charger, ensure that the product is stored in a clean and dry environment at a temperature of -40 °C to 70 °C (-40 °F to 158 °F). The charger must always be stored upright in a box during cargo loading. This protects the charger from dust and scratches. The charger must be stored in a protected location to avoid damage. Do not stack other items on top of it.

CHARGER SPECIFICATIONS

Model		EVW011SK-SN
Size (Width x Height x Depth)		226 mm x 503.2 mm x 165 mm (8.89 inches x 19.8 inches x 6.49 inches)
Weight		7.1 kg (15.6 lbs)
AC Input	Voltage	Single Phase (208 / 240 V $\pm$ 10 %)
	Frequency	60 Hz
AC Output	Voltage	Single Phase (240 V $\pm$ 10 %)
	Current	48 A
	Capacity	11.5 kW
IP Rating		IP 55
Operating Temperature		-35 °C ~ 50 °C (-31 °F to 122 °F)
Operating Humidity		< Rh95 % (Non-condensing conditions)
Storage Temperature		-40 °C ~ 70 °C (-40 °F to 158 °F)
Storage Humidity		< Rh95% (Non-condensing conditions)
Protection Features		Overcurrent / Overvoltage Protection, Circuit Breaker in case of Leakage / Ground Fault Detection
User Authentication		RFID Card Reader
Display Device	7dit 14Segmet	Charged Amount / Elapsed Time / Fault Details / Charge
	Charge Status	Standby: Blue / Charging: Green Dimming / Fully Charged:
Charge Type	Format	UL2594 / Type : C
	Connector	SAE J1772 (5 PIN)
Voice Guide	Speaker	Voice output (5 W)
Certification		UL Certified

ACCESSORIES



Wall
Mount
1 piece



Wall Mount Fixing
Anchor 2
piece



Wall Mount Fixing
Screw 2
piece

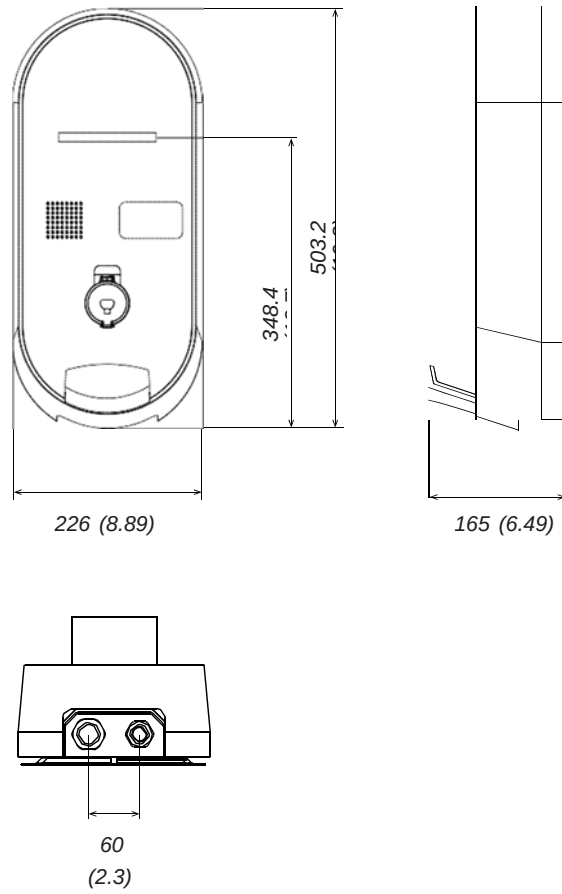


M4 O-ring
Screw 1
piece

MECHANICAL CHARACTERISTICS

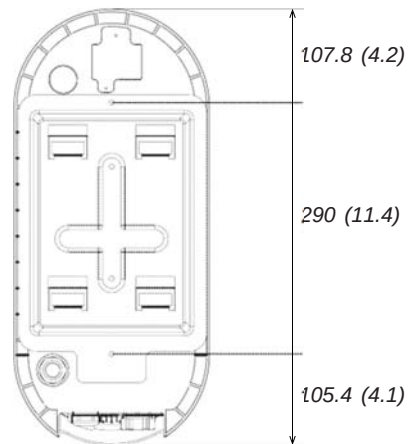
Charger Size

[Unit : mm (inches)]

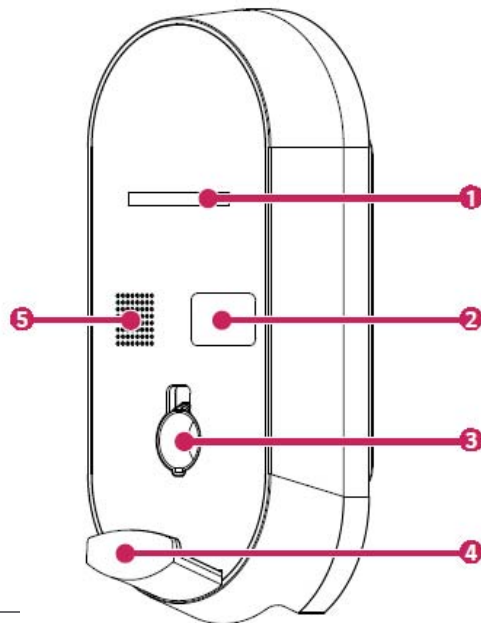


Charger Size

[Unit : mm (inches)]



Charger Appearance



- ① 7dit 14Segment
- ② RFID Card Reader
- ③ Connector (AC 5-pin) Holder
- ④ Cable Holder
- ⑤ Speaker

INSTALLATION INSTRUCTIONS

**Caution!**

- Do not expose the charger to rain, high temperatures, dust, corrosive gases, flammable substances, or explosive gases.

Installation Location

WARNING

Risk of explosion. This equipment has arcing or sparking parts that should not be exposed to flammable vapors. This equipment should be located at least 460 mm (18 inches) above the floor.

① When the device installed outdoor

This device shall be mounted at a sufficient height from grade such that the height of the storage means for the coupling device is located between 600 mm (24 inches) and 1.2 m (4 feet) from grade.

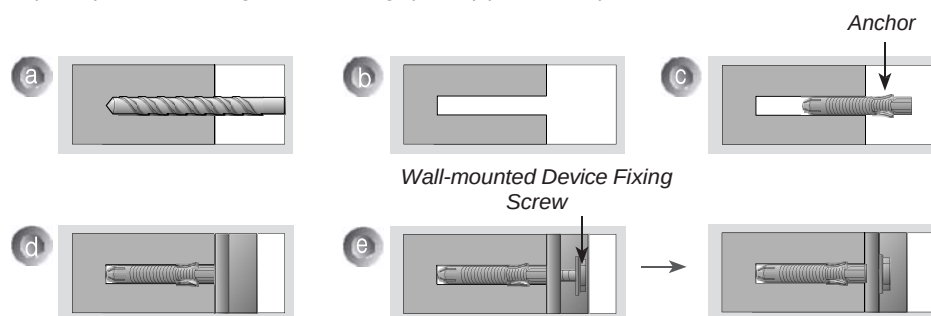
② When the device installed indoor

This device shall be mounted at a sufficient height from grade such that the height of the storage means for the coupling device is located between 450 mm (18 inches) and 1.2 m (4 feet) from grade.

- For optimal performance and maximum lifespan, choose your installation location carefully. Operational lifespan and performance are affected by the location of the charger.
- Choose a dry area with good ventilation.
- To reduce the risk of fire, install the charger on a non-combustible surface made of concrete, stone, brick, or iron.
- Do not block the front of the charger.
-
- ~~When not using the car connector,~~ install the charger at a height of **0.6 to 1.2 m** above the ground.
- Install in a location equipped with an earth leakage circuit breaker.
- Do not expose the charger to rain, high temperatures, dust, corrosive gases, flammable substances, or explosive gases.
- Install a certain distance from the parking space to prevent damage from parked vehicles.

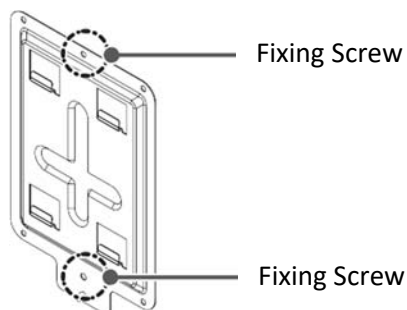
Installation Process

- 1 Use the enclosed fixing anchors and screws to hang the wall mount on the wall.
 - Check the wall material and thickness of the finishing materials.
 - The enclosed anchors and screws can be used when the wall material is non-cracking concrete, lightweight concrete, strong natural stone, soft natural stone, brick, and hollow block.
 - Never install on walls made of plasterboard or material made by compressing paper/wood dust (MDF). If you must install, anchor screws must be fixed into the retaining wall (concrete) within the finishing materials. If there is no retaining wall, an additional hanger must be installed before fixing the anchor screws.
 - If installing on other unspecified wall materials, ensure the material can withstand a pull-out load of 70 kgf (686 N) and a shearing load of 100 kgf (980 N) per anchor point.

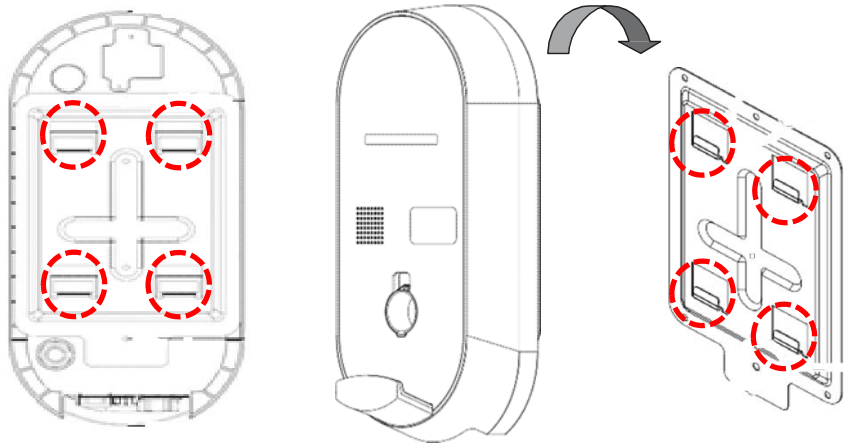


- Use $\varnothing$ 8 mm drill bit for concrete and a hammer (impact) drill.

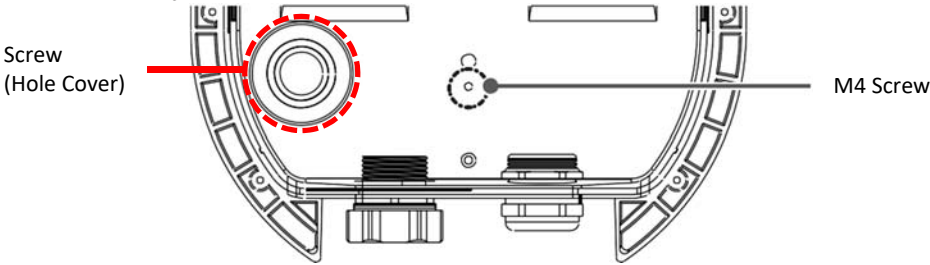
- a. Use a drill bit $\varnothing$ 8 mm to drill holes to a depth of 80 mm - 100 mm at the anchor positions.
- b. Clean the drilled holes.
- c. Insert the enclosed anchor into the hole (use a hammer when inserting the anchor).
- d. Press the wall mount against the wall in alignment with the hole positions. Ensure the angle adjustment part faces upward.
- e. Align the wall mount fixing screws with the holes and fasten them. At this point, tighten the screws to a torque of 45 kgf/cm - 60 kgf/cm or more.



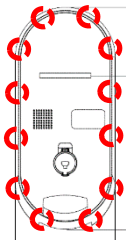
2 Align the charger with the base frame and secure the charger



3 Open the main body of the charger and use the enclosed M4 screws → M4 O-ring Screw to secure the body to the wall mount.



4 Tighten Screw for Front and body enclosure to 6kgf*cm(5.2lbf*In).

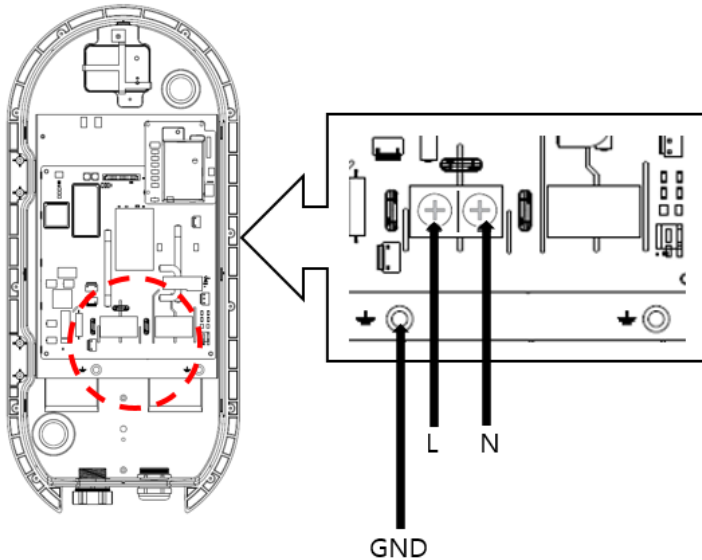


NOTE

Location	Torque
Screw for Front and body enclosure	5.2lbf*In / 6kgf*cm
Screw (Hole Cover)	2.6lbf*in / 3kgf*cm

Wiring and Grounding

- 1 Check that the breaker on the distribution panel is turned off.
- 2 Detach the plastic cover on the terminal block.
- 3 Insert the AC 240 V input cable through the power cable input at the bottom.
- 4 Connect the AC 240 V input cable to the left power connection terminal and the internal panel GND terminal on the terminal block.
- 5 Reattach the plastic cover on the terminal block.



! NOTE

- The AC input power cable is not included with the charger.
- The cable specifications should be determined based on the distance between the distribution panel and the charger, according to the conditions of the installation work.
- The disconnect switch should be installed inside the distribution panel of the installation location.
- The cross-sectional area of the input line/ground line should be at least 6 AWG.
- Field Wiring Terminal : Use Copper Conductors Only [Temperature rating : 90°C]
- Pressure terminal Connector

Parameter	Specifications
Wire Size for the terminal block plug	6AWG
Stud Size for the terminal block plug	6mm
Material	Oxygen Free Copper
Manufacturer	Jeono
Type	JOR-16-6
Shape	R-Shape
Required Torque	26lbf*In / 29.9kgf*cm

Electrical network type

Available Electrical network type

Electrical network type	Voltage	Picture
Split Phase	216Vac ~ 264 Vac	
WYE Network	187Vac ~ 228Vac	

OPERATING INSTRUCTIONS



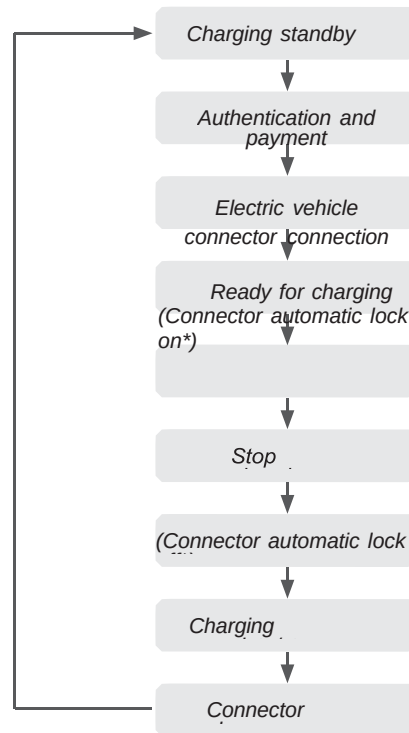
Caution!

To prevent electric shock, do not touch uninsulated parts of the connector or the internal terminals of the charger. Do not use the connector if there are damaged or corroded parts. Using a damaged or defective connector can lead to overheating or the risk of electric shock.

Charging Precautions

Please check that installation has been completed in the order specified in this manual. Failure to do so can result in personal injury or damage to the charger.

Charging Operation Procedure



- *: The automatic lock/release of the connector is controlled by the vehicle (whether this is supported varies depending on the model of the vehicle)
- The charging speed may vary depending on the characteristics of the vehicle model and the condition of the battery.
- For safety, refer to **IMPORTANT SAFETY INSTRUCTIONS**.

Common Screen Configuration

In the default standby state screen, the following information is displayed.



- The charging status is displayed as Ready/Wait/Plug In/Start/Stop/Error, etc. according to the status. During charging, the charged amount / charging speed / charging time / charging fee are displayed sequentially.

Charging Process

- 1 To charge, proceed with authentication and connector connection.

If you connect the connector after

- a) Tag a membership card (RFID card) on the standby screen or proceed with app payment (enter the charger number in the app).



- b) Connect the connector.



If you authenticate after connecting the

- a) If you connect the connector on the standby screen, the screen switches to the membership card tag screen. (If you connect the connector first, only membership card authentication is supported, and app payment is not supported.)

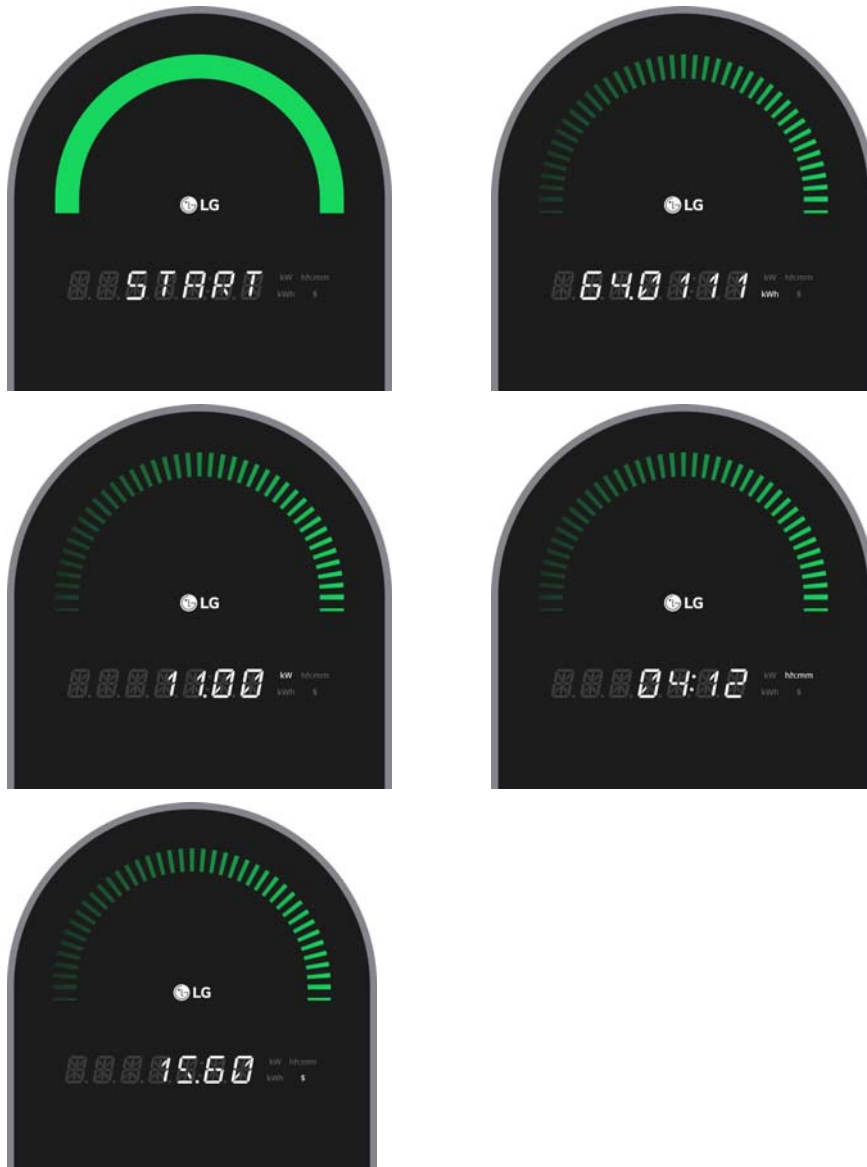


- b) If you tag a membership card (RFID card), the authentication process proceeds.

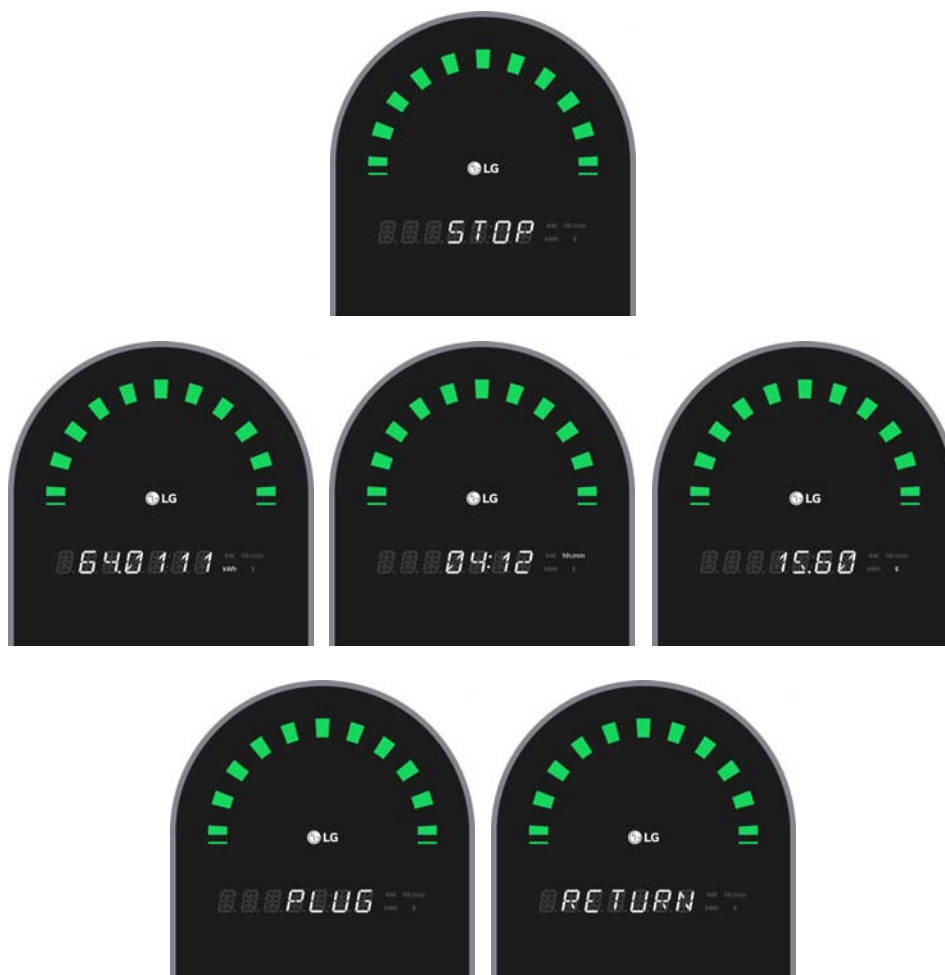


2 Proceed with charging.

- During charging, the charged amount, charging speed, charging time, and charging fee are changed and displayed sequentially at 5-second intervals.
- During charging, you can stop charging at any time by tagging your membership card or requesting a stop via the app.



- 3 Charging ends upon request to stop charging, full charge, and elapse of a set time (14 hours).
- After STOP is displayed for 5 seconds, charging information (charge amount, charging time, charging amount at 5-second intervals) and connector cleaning instructions (PLUG, RETURN at 3-second intervals) are displayed repeatedly.
 - Charging information and connector cleaning instructions will be displayed two additional times after the connector is disconnected from the vehicle. (However, when connector cleanup is complete, the screen immediately switches to the standby screen.)



- 4 If the connector cleaning instructions are not completed when charging information and connector cleaning instructions are displayed after charging is completed, the connector cleaning instructions (PLUG, RETURN at 3-second intervals) are displayed for 18 seconds and then the screen switches to the standby screen. (However, when connector cleanup is complete, the screen immediately switches to the standby screen.)



Error Screen

When a failure occurs during charging, during charging preparation, or in the standby state, the details of the failure are displayed and the charger attempts to recover automatically.



Error Recovery Screen

The charger attempts automatic recovery after an error occurs.



Operation Stop (Availability Change) Screen

This is the screen displayed during a temporary stop in operation due to operation policy. Operation stop and resumption are possible through remote control of the charging control.



Firmware Download Screen

This is the screen displayed during firmware download via the firmware update command from the charging control. (This is only displayed under certain statuses, such as “charging possible” status.)



Setting Screen

This is the screen that appears when the charger settings app is connected to the charger. (How to connect the charger settings app to the charger is described in the setup guide document.)



FAULT CODES

WARNING

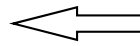
This device provide an automatic reset feature



Warning 메시지가

Error Codes	Description	Solution
1101	Input Overvoltage Detection	Charger manufacturer confirmation
1102	Input Undervoltage Detection	Charger manufacturer confirmation
1201	Input Overcurrent Detection	Charger manufacturer confirmation
1203	AC Leakage Current Error	Charger manufacturer confirmation
1204	DC Leakage Current Error	Charger manufacturer confirmation
1301	Ground Connection Abnormality	Charger manufacturer confirmation
2401/2402	Output Relay Abnormality	Charger manufacturer confirmation
5114	I2C Communication Abnormality (dry	Charger manufacturer confirmation
5201	Electricity Meter Communication	Charger manufacturer confirmation
6102	Control Pilot Abnormality	Try charging again after disconnecting and
6109	Leakage Detection Module Defect	Charger manufacturer confirmation
6701	Collision Occurrence	Charger manufacturer confirmation
8101	Charger Internal1 Overheating	Charger manufacturer confirmation
9201	Other Abnormalities	-
10000	RFID Communication Error	Charger manufacturer confirmation
10002	Control Board Communication Error	Charger manufacturer confirmation
10003	CPO Communication Error (Network Error)	Verify connection status between control server and

CERTIFICATION



페이지 내용 추가

English

CERTIFICATION	Description
FCC	FCC Compliance Statement (For USA) 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. 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 the receiver. • Connect the equipment to 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.

CERTIFICATION	Description
FCC	FCC Notice (For USA) This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. FCC Radio Frequency Interference Requirements (for UNII devices) (For USA) High power radars are allocated as primary users of the 5.25 to 5.35 GHz and 5.65 to 5.85 GHz bands. These radar stations can cause interference with and/ or damage this device. This device cannot be co-located with any other transmitter. FCC RF Radiation Exposure Statement (For USA) [For having wireless function (WLAN, Bluetooth,...)] This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with minimum distance 20 cm (7.8 inches) between the antenna and your body. Users must follow the specific operating instructions for satisfying RF exposure compliance.

CERTIFICATION	Description
IC	Industry Canada Statement (For Canada) [For having wireless function (WLAN, Bluetooth,...)] This device contains licence-exempt transmitter(s)/ receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions: (1) This device may not cause interference. (2) This device must accept any interference, including interference that may cause undesired operation of the device. CAN ICES-003(B) / NMB-003(B) IC Radiation Exposure Statement (For Canada) [For having wireless function (WLAN, Bluetooth,...)] This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm (7.8 inches) between the antenna & your body. NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT RSS-247 Requirement (For Canada) [For product having the wireless function using 5 GHz frequency bands] (1) The device for operation in the band 5150–5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems; (2) For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the bands 5250-5350 MHz and 5470-5725 MHz shall be such that the equipment still complies with the e.i.r.p. limit; (3) For devices with detachable antenna(s), the maximum antenna gain permitted for devices in the band 5725-5850 MHz shall be such that the equipment still complies with the e.i.r.p. limits as appropriate; and (4) [For devices operating in the band 5250-5350 MHz having an e.i.r.p. greater than 200 mW] Antenna type(s), antenna models(s), and worst-case tilt angle(s) necessary to remain compliant with the e.i.r.p. elevation mask requirement set forth in section 6.2.2.3 of RSS-247 shall be clearly indicated. Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the bands 5250-5350 MHz and 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices.

CERTIFICATION	Description
IC	Avis d'Industrie Canada (Pour le Canada) <i>[Pour la fonction sans fil (WLAN, Bluetooth, etc.)]</i> L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) L'appareil ne doit pas produire de brouillage; (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement. Avis d'Industrie Canada sur l'exposition aux rayonnements (Pour le Canada) <i>[Pour la fonction sans fil (WLAN, Bluetooth, etc.)]</i> Cet appareil est conforme aux limites d'exposition aux rayonnements d'Industrie Canada pour un environnement non contrôlé. Cet appareil doit être installé de façon à garder une distance minimale de 20 cm (7,8 po) entre la source de rayonnement et votre corps. REMARQUE : LE FABRICANT N'EST PAS RESPONSABLE DES INTERFÉRENCES RADIOÉLECTRIQUES CAUSÉES PAR DES MODIFICATIONS NON AUTORISÉES APPORTÉES À CET APPAREIL. DE TELLES MODIFICATIONS POURRAIENT ANNULER L'AUTORISATION ACCORDÉE À L'UTILISATEUR DE FAIRE FONCTIONNER L'APPAREIL. Exigences du CNR-247 (Pour le Canada) <i>[Pour les produits ayant la fonction sans fil utilisant des bandes de fréquences de 5 GHz]</i> (1) Les dispositifs fonctionnant dans la bande de 5 150 à 5 250 MHz sont réservés uniquement pour une utilisation à l'intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux; (2) Pour les dispositifs munis d'antennes amovibles, le gain maximal d'antenne permis pour les dispositifs utilisant les bandes de 5 250 à 5 350 MHz et de 5 470 à 5 725 MHz doit être conforme à la limite de la p.i.r.e.; (3) Pour les dispositifs munis d'antennes amovibles, le gain maximal d'antenne permis (pour les dispositifs utilisant la bande de 5 725 à 5 850 MHz) doit être conforme à la limite de la p.i.r.e. spécifiée, selon le cas; (4) [pour des dispositifs fonctionnant dans la bande de 5 250 à 5 350 MHz ayant une p.i.r.e. de plus de 200 mW] , les types d'antennes (s'il y en a plusieurs), les numéros de modèle de l'antenne et les pires angles d'inclinaison nécessaires pour rester conforme à l'exigence de la p.i.r.e. applicable au masque d'élévation, énoncée à la CNR-247 section 6.2.2.3, doivent être clairement indiqués. Les utilisateurs doivent également savoir que les radars de grande puissance sont attribués en tant qu'utilisateurs principaux (c'est-à-dire les utilisateurs prioritaires) des bandes de 5 250 à 5 350 MHz et de 5 650 à 5 850 MHz et que ces radars peuvent causer des interférences avec les appareils LE-LAN et/ou les endommager.

CERTIFICATION	Description
ENERGY STAR	This product qualifies for ENERGY STAR®. Changing the factory default configuration and settings or enabling certain optional features and functionalities may increase energy consumption beyond the limits required for ENERGY STAR® certification. Refer to ENERGYSTAR.gov for more information on the ENERGY STAR® program.



The model and serial number of the product are located on the back and on one side of the product. Record them below in case you ever need service.

MODEL _____

SERIAL _____

NO.

Supplier's Declaration of Conformity

Trade Name LG

Responsible Party LG Electronics USA, Inc.

Address 111 Sylvan Avenue, North
Building, Englewood Cliffs,
NJ 07632

Temporary noise is normal when powering
ON or OFF this device.