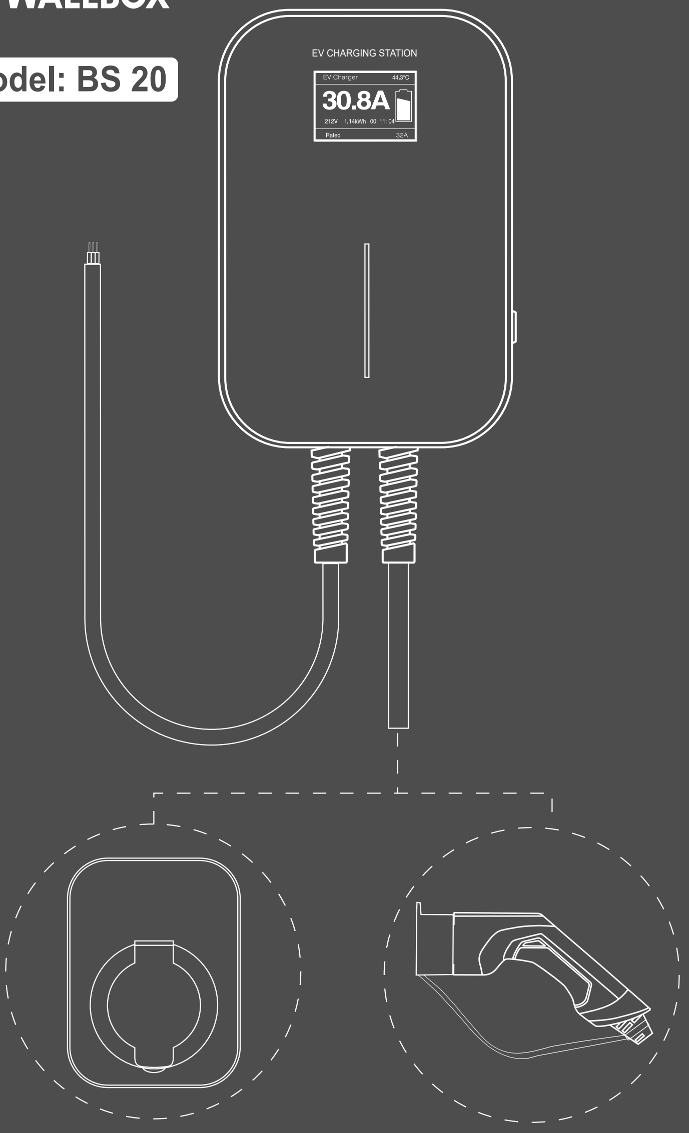
QUICK USER GUIDE

Wall-mounted charger

EV WALLBOX

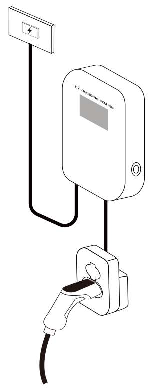
Model: BS 20



INSTRUCTION FOR USE

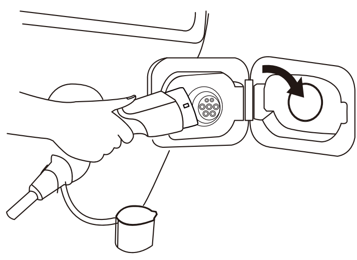
Mode A with socket—Fixed current version

①



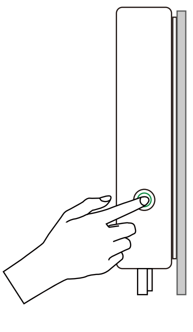
Insert the plug into the socket

②



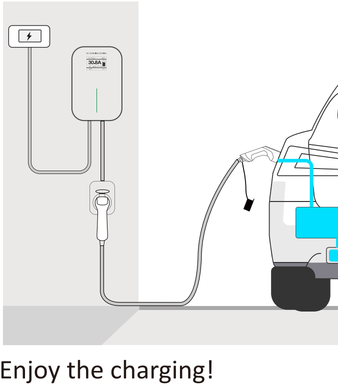
Connect the charging gun

③



Press the side button of the wallbox to start charging

④

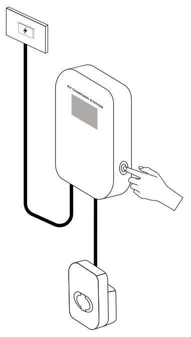


Enjoy the charging!

INSTRUCTION FOR USE

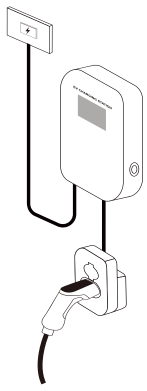
Mode A with socket—Current switchable version

①



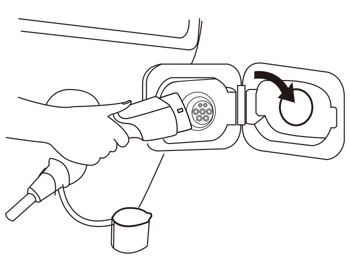
Press the side button to switch to the desired current

②



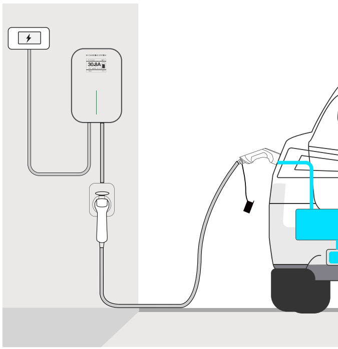
Insert the plug into the socket

③



Connect the charging gun, and the charging process will start automatically

④

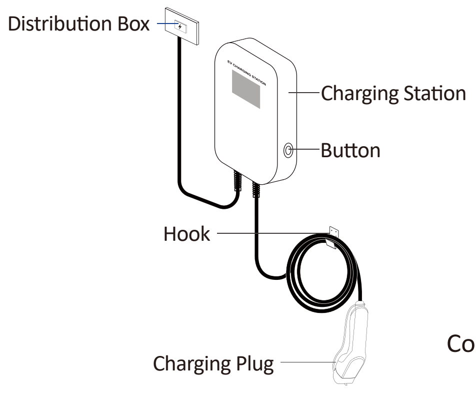


Enjoy the charging!

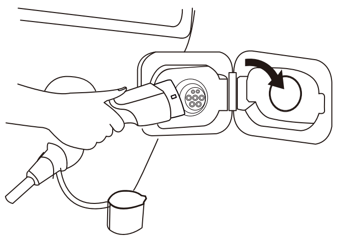
INSTRUCTION FOR USE

Mode C with cable—Fixed current version

①

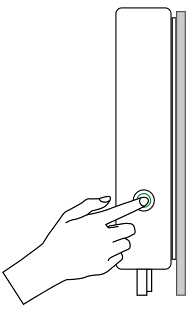


②



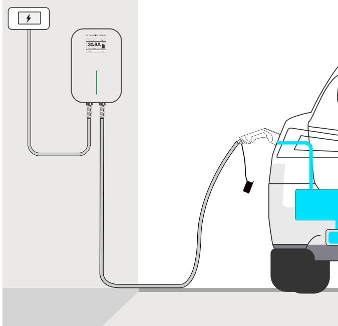
Connect the EV and the wallbox with the EV charging cable

③



Press the side button of the wallbox to start charging

④

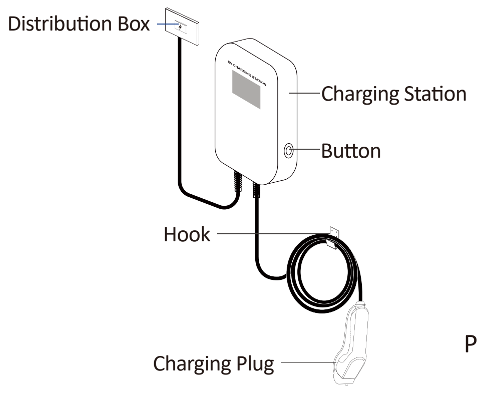


Enjoy the charging!

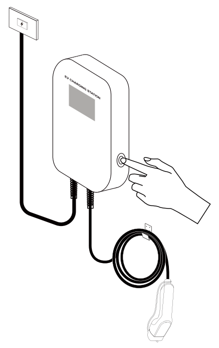
INSTRUCTION FOR USE

Mode C with cable—Current switchable version

①

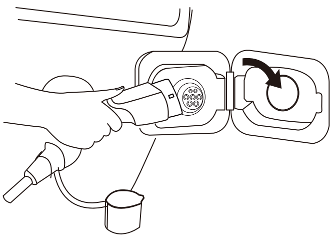


②



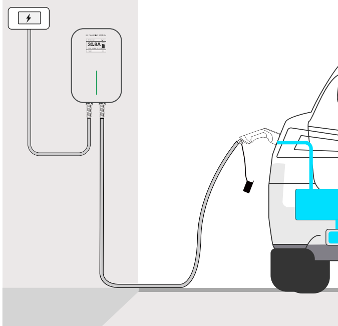
Press the side button to switch to the desired current

③



Connect the charging gun, and the charging process will start automatically

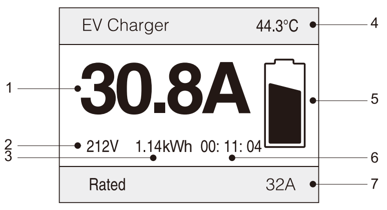
④



Enjoy the charging!

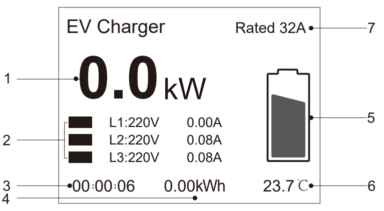
ILLUSTRATION OF SCREEN

SINGLE PHASE



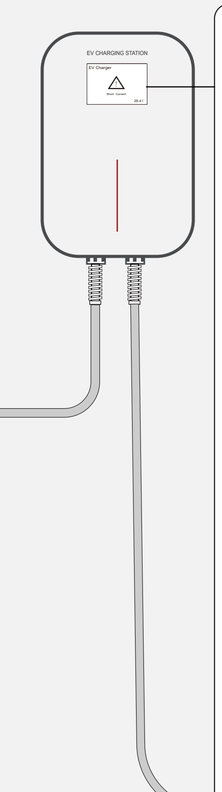
1. Real-time current
2. Real-time voltage
3. Charging amount
4. Working temperature
5. Charging icon
6. Charging session duration
7. Rated current

THREE PHASE



1. Real-time power
2. Voltage and current per phase
3. Charging session duration
4. Charging amount
5. Charging icon
6. Working temperature
7. Rated current

FAILURE DESCRIPTION



Leakage Protection

Leakage Protection

1. Check whether there are any foreign objects or water in the charging plug or vehicle socket.
2. Unplug and reconnect. If the fault persists, please check the entire charging circuit before trying again.
If the problem remains after multiple attempts, please stop using the charger and contact the after-sales personnel.

Over Current

Over Current

1. Check the selected power. Try again with higher current and restart.
2. If the above operation does not work, try to charge your vehicle with another AC charger. If your vehicle works well, please stop using the charger and contact the after-sales personnel.

Short Circuit

Short Circuit

1. Check the selected power. Try again with higher current and restart.
2. If the above operation does not work, try to charge your vehicle with another AC charger. If your vehicle works well, please stop using this charger and contact the after-sales service for help.

Over Temperature

Over Temperature

1. The current ambient temperature is too high, so the charger stops to keep you safe.
2. Charging will restart automatically when the temperature returns to appropriate range.

CP Error

CP Error

Communication error between the vehicle and charger has occurred.
1. Unplug and reconnect. Make sure the plug is completely inserted.
2. If the above operation does not work, try to charge your vehicle with another AC charger. If your vehicle works well, please contact the after-sales personnel.

Under Voltage

Under Voltage

The input voltage is too low.
1. Using the multimeter to confirm whether the voltage is too low.
2. Try to charge on another time.
3. Add a voltage regulator.
4. Try restarting the charger.

WARRANTY

● During the warranty period, if the product fails under normal use and proper maintenance due to defects in its internal components, and such faults are confirmed by our technical personnel, we will provide free repair or replacement of the defective parts.

● We shall not be liable for any special, incidental, or indirect damages incurred by users or distributors.

● The following situations are not covered under the warranty:
1) Damage caused by human factors;
2) Damage to the product's factory labels or identification stickers;
3) Damage resulting from improper operation or incorrect installation not in accordance with the user manual;
4) Damage caused by natural disasters such as floods, fires, or any other force majeure events;
5) Failures or damage resulting from repairs, modifications, or disassembly carried out by personnel not authorized by the company;
6) Severe damage or scratches to the casing, or burnt circuit boards;
7) Products that have exceeded the specified warranty period;

● Accessories provided as complimentary items with the product are excluded from the warranty unless otherwise specified.

● Any repair or replacement carried out during the warranty period will not extend or restart the warranty period.

● Please retain proof of purchase and warranty documentation.

● We reserve the right to repair, replace, or refund the product at its discretion.

SAFETY WARNING

⚠ ATTENTION

Non-compliance with the operating instructions can cause serious consequences.
Manufacturer does not assume any liability for damage caused by disregarding operating instructions or other warnings marked on the device.
High voltage could result in fire hazards! Never use the device if the housing is damaged or opened!
This product is not suitable for people with limited mobility, sensory or psychological disabilities, and those who lack use experience or a certain degree of knowledge.

⚠ IMPORTANT SAFETY INSTRUCTIONS WARNING!

▲This product should only be installed, repaired or maintained by authorized electricians and in accordance with national guidelines for electrical installations. All applicable local, regional and national regulations for electrical installations must be respected.

▲Regularly check the charger for visible damage. Do not use a damaged product.

▲Make sure that all safety facilities and connections are available, properly installed and undamaged at all times and are tested regularly to ensure they can operate normally.

▲Make sure that the input voltage, frequency, circuit breakers and other conditions of the device meet the specifications before the device is powered on. It's important to observe the maximum permissible charging current of the connection.

▲Before powering on the device, please confirm that the device is properly grounded to avoid unnecessary accidents. If a ground fault occurs, it is assumed that the cable carries voltage. Please make sure there is no high-voltage power in the system before inspecting the device.

▲Please insulate the unnecessarily exposed metal parts of all tools to prevent them from touching the metal frame, which may cause short circuit.

▲To ensure the service life and stable operation of the charging station, the operating environment should be kept as clean as possible with a relatively stable temperature and humidity. The charging station must not be used in flammable environment or environments with volatile gas.

▲Please keep the power cord away from the heated surface. Please do not put the power cord in the gap of the closed door or pull it out of sharp edges or corners.

▲Do not use the charger when the inside of the charging plug is wet.

▲Do not modify, retrofit, or change any part by yourself under any circumstances.

▲Please do not use this product as a toy. Ensure that children are supervised to prevent them from using this device as a toy or inserting their fingers into the charging connector while the power plug is still connected.

▲The circuit to which the charger is to be connected must be equipped with a residual current circuit breaker.

⚠ Note

Please do not use it for other purposes except electric car charging.
Do not try to disassemble the device by yourself under any circumstances. Otherwise, the internal precision parts may be damaged, and you will not be able to apply for after-sales service.

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