

# EV CHARGER

PQ-BS20

# USER MANUAL



# OVERVIEW

## PQ-BS20

- Colorful LCD display: shows the charging status: time, voltage, power consumption.
- Intelligent chip automatically fixes the non-hardware faults during charging.
- Easy installation: only takes a few steps to mount the charger on the wall, no complicated wiring process.



### EV CHARGER

Model	PQ-BS20	
Rated Power	7.2kW / 32A	9.6kW / 40A
Input Voltage (v)	230VAC	
Dimensions (mm)	285 x 195 x 65	

### CERTIFICATIONS

Certifications CE, RoHS, FCC, CSA



# PQ-BS20

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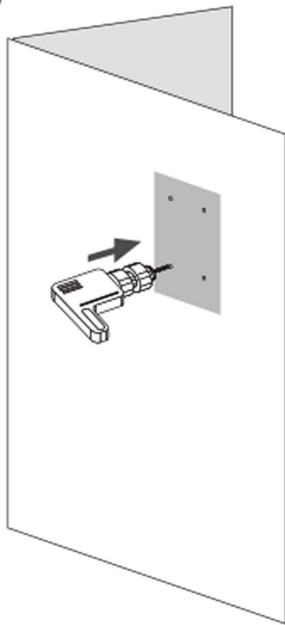
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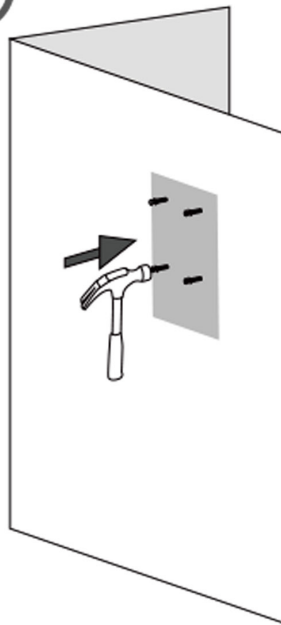
# PQ-BS20

## 1. MODE C INSTALLATION GUIDE (WITH CABLE)

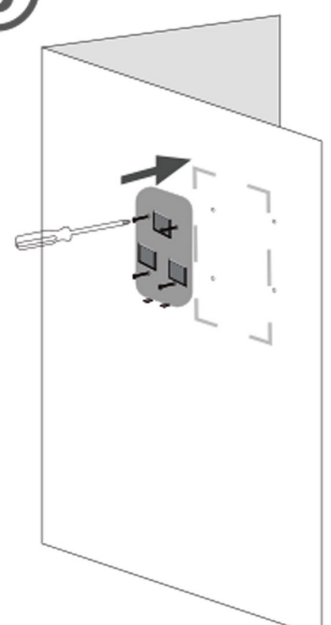
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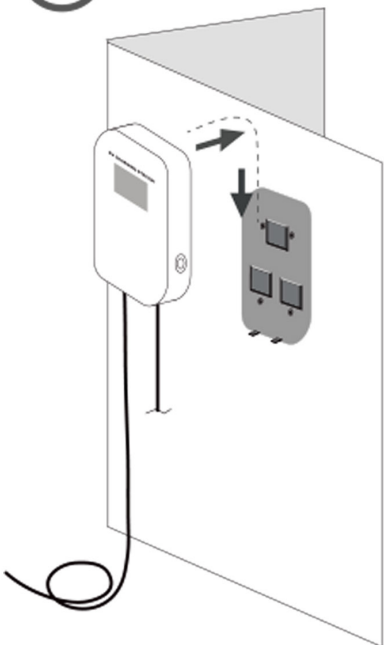
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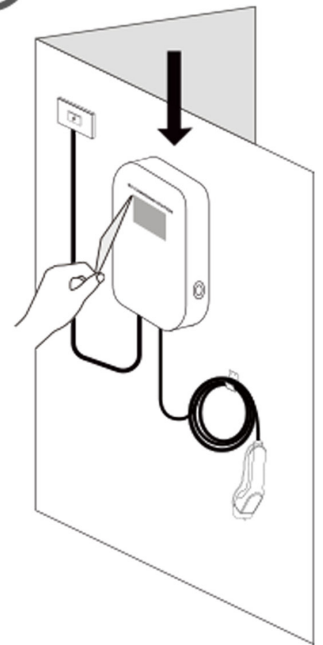
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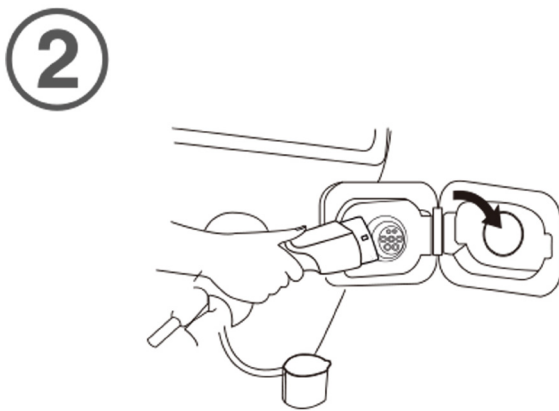
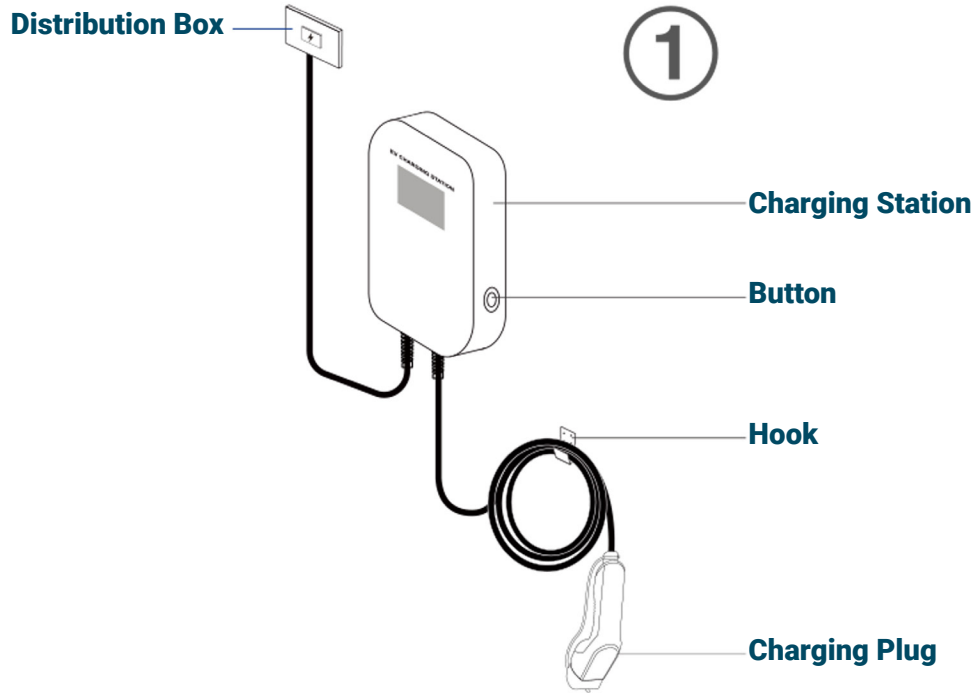
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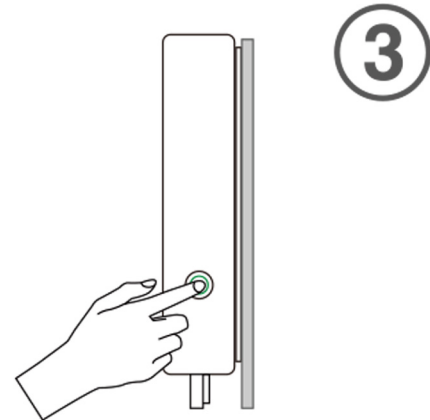
## INSTRUCTION FOR USE

Make sure the wallbox is connected to power

### Mode C with cable



Connect the EV and the wallbox with the EV charging cable

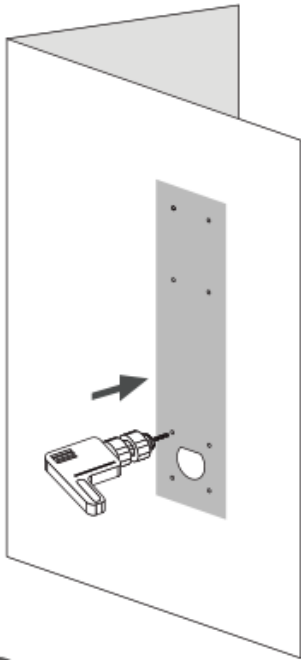


Press the side button of the wallbox to start/stop charging

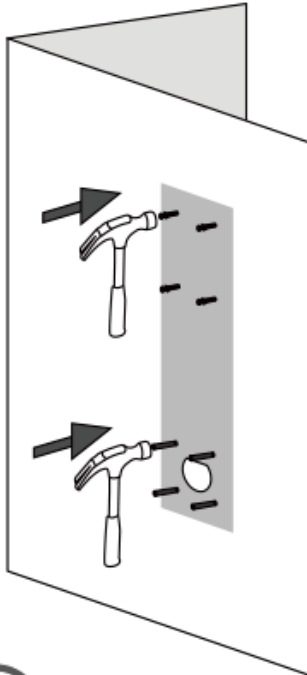
# PQ-BS20

## 2. MODE A INSTALLATION GUIDE (WITH SOCKET)

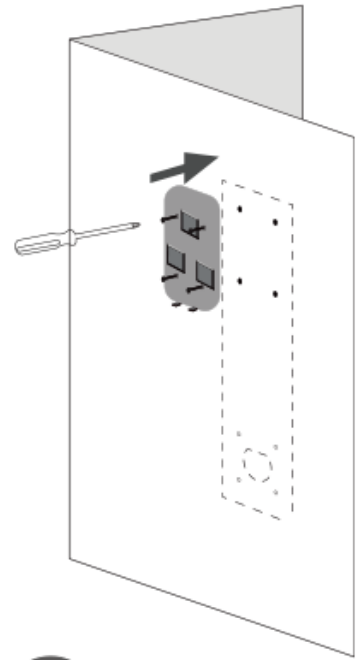
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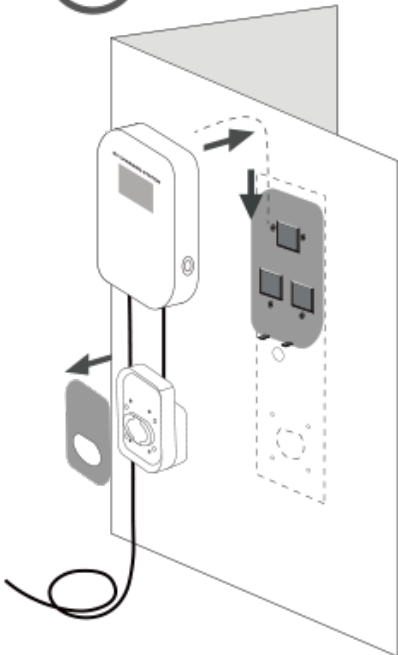
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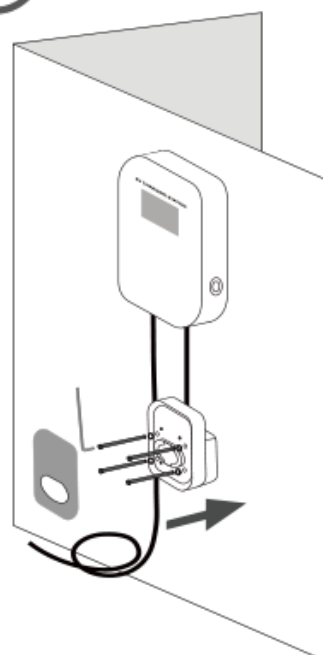
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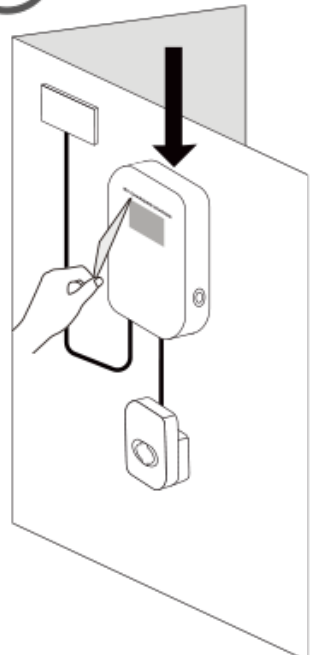
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5



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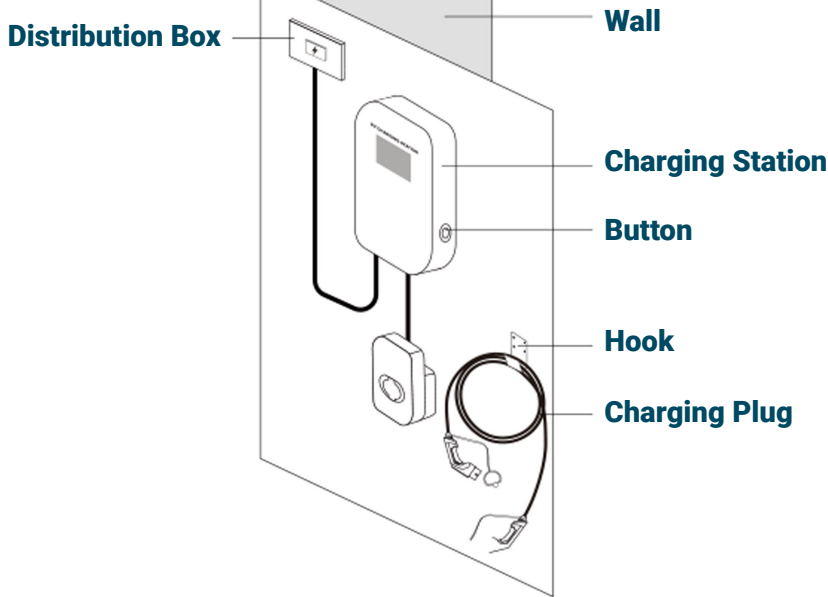


## INSTRUCTION FOR USE

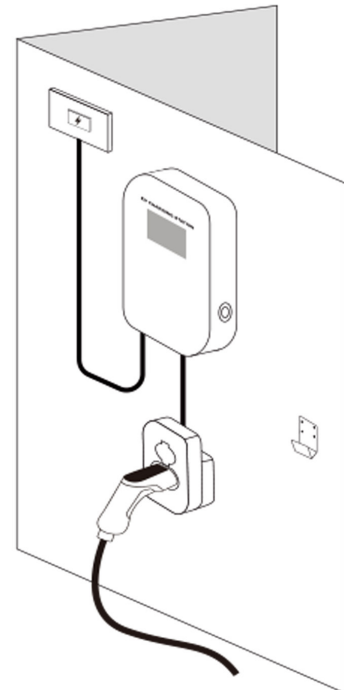
Make sure the wallbox is connected to power

### Mode A with socket

1

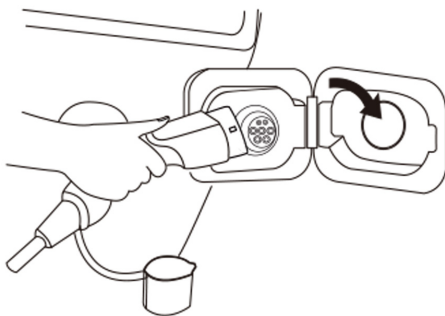


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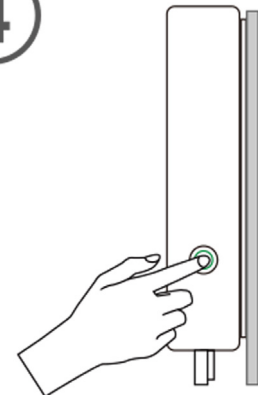
Insert the plug into the socket

3



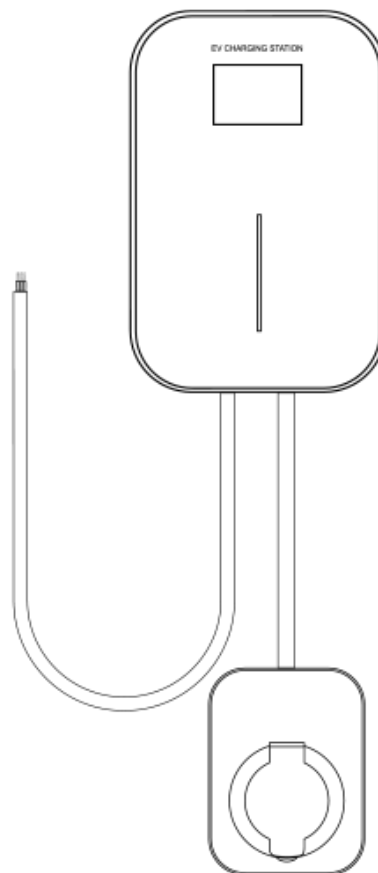
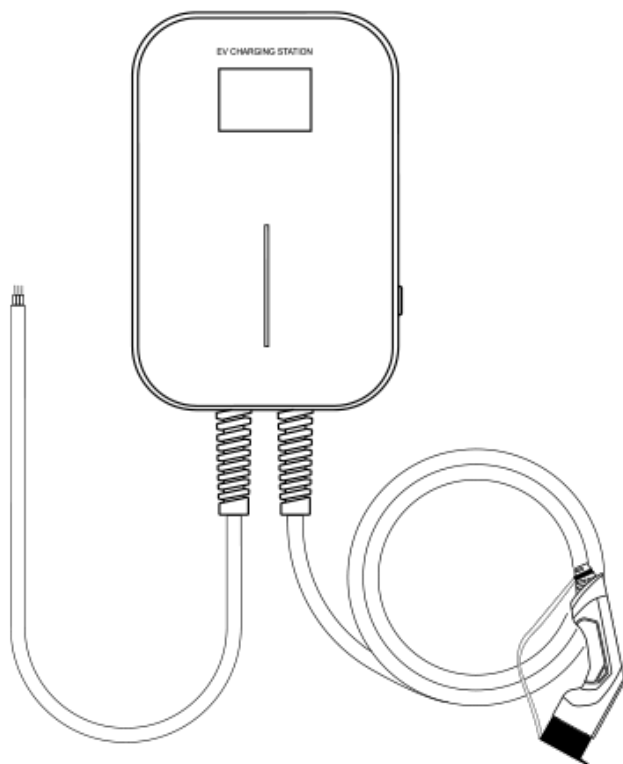
Connect the EV and the wallbox with the EV charging cable

4



Press the side button of the wallbox to start/ stop charging

# PQ-BS20



## MODE C

Phase Mode: Single / Three Phase Installation  
 Method: Wall/Stand Mode C (with cable)  
 Certificate: CE  
 IP Rating: IP66  
 Rated Voltage: 230V-400VAC  $\pm 10\%$   
 50Hz  $\pm 100\%$   
 Rated Current: 16/32A  
 Maximum Power: 3.84/7.68/11 /22kW  
 Operating Temperature: -25°C to 55°C Enclosure  
 Material: PC alloy  
 Start Mode: Button (default)  
 Warranty: 3 Years

## MODE A

Phase Mode: Single / Three Phase Installation  
 Method: Wall/Stand Mode A (with socket)  
 Certificate: CE  
 IP Rating: IP66  
 Rated Voltage: 230V-400VAC  $\pm 10\%$  50HZ  $\pm 10\%$   
 Rated Current: 16/32A  
 Maximum Power: 3.84/7.68/11 /22kW  
 Operating Temperature: -25°C to 55°C  
 Enclosure Material: PC alloy  
 Start Mode: Button (default)  
 Warranty: 3 Years



**SECURITY WARNING**

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**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 can cause 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 if the charger has 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.

## SECURITY WARNING

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- ▶ 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. Please take good care of children to ensure that they will not play with this device as a toy nor put fingers into the charging connector when 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.