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# PRODUCT CATALOG

PRODUCT  
CATALOG

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- PCD 019  
PCD 020
- PCD 030  
PCD 030 (TYPEA+6MA)
- PCD 040  
PCD 041
- BS-B20
- BS20-APP (SINGLE PHASE)

# EV CHARGING BOX low power (6A-16A)



PCD-019

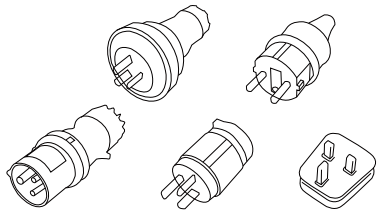
Fixed output current, not switchable. The default is 16A, and the current value can be adjusted before leaving the factory according to requirements.



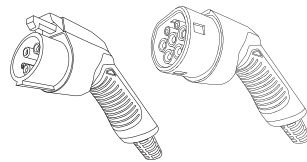
PCD-020

The current indicator will represent the current current in a different color. Switch between two different output currents, the default is 10/16A switched by pressing button

● Green: 10A      ● Blue: 16A



AU/SCHUKO/CEE/NEMA/UK plug



Type1/Type2

These are simple models, which are divided into current switchable and current fixed. It is small, lightweight, and durable enough to withstand the crushing of a car.

It displays the current working status through three indicators. If there is a fault, the type of fault encountered will be expressed by the number of different flashes of the fault indicator.

It has comprehensive protection mechanisms and automatic repair for simple faults.

Model PCD019 PCD020

Model PCD019 PCD020	
Input & Output	PCD019 PCD020
Input voltage/Output voltage	100~250V AC
Input frequency	47~63Hz
Max. output power	3.6KW
Max. output current	16A
Charging interface type	IEC 62196-2, SAE J1772
<b>Protection</b>	
Over voltage protection	Yes
Under voltage protection	Yes
Over load protection	Yes
Short circuit protection	Yes
Earth leakage protection	Yes
Over-temp protection	Yes
Lightning protection	Yes
<b>Function and Accessory</b>	
Ethernet/WIFI/4G/Bluetooth	No
LCD	No
RCD	Type A
LED Indicator light	Yes
Intelligent power adjustment	Yes
RFID	Opt
<b>Working environment</b>	
Protection degree	IP65
Environment temperature	-40 C ~ +50 C
Relative humidity	0-95% non-condensing
Maximum altitude	<2000m
Cooling	Natural air cooling
Standby power consumpton	<8W
<b>Mechanical</b>	
Dimension (W/H/D)	249/104/48mm
Weight	3KG
<b>Certificate</b>	
Certificate	CE,TUV,FCC,IK10,IP65

# EV CHARGING BOX

High power with LCD screen (6A-16A)



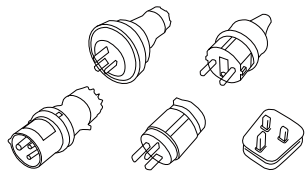
PCD-030

With TypeA RCD, regular model, suitable for all countries in the world

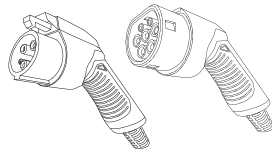


PCD-030(typeA+6mA)

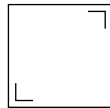
With TypeA+6mA RCD. It can cut off the charging current within 30ms when it detects a leakage of more than 6mA on the DC component.



AU/SCHUKO/CEE/NEMA/UK plug



Type1/Type2



LCD



LED

These are the boxes with LCD screens, which can display the current current, voltage and other working information through the LCD screen.

If there is a fault, the fault information will be displayed on the screen. The charging current can be adjusted, and the inside of the box carries the temperature control chip.

Once the working temperature exceeds the set value, the box will automatically cut off the power and stop charging until the temperature returns to the normal range. It has a comprehensive protection mechanism that automatically repairs most non-hardware failures that occur.

It can be used in any outdoor weather environment, even if it is immersed in water for a short time, it will not affect the use.

Model PCD030

Input & Output	PCD030
Input voltage/Output voltage	100~250V AC
Input frequency	47~63Hz
Max. output power	3.6KW
Max. output current	16A
Charging interface type	IEC 62196-2, SAE J1772

## Protection

Over voltage protection	Yes
Under voltage protection	Yes
Over load protection	Yes
Short circuit protection	Yes
Earth leakage protection	Yes
Over-temp protection	Yes
Lightning protection	Yes

## Function and Accessory

Ethernet/WIFI/4G/Bluetooth	No
LCD	1.8-inch color display
RCD	Type A / Type A+6mA
LED Indicator light	Yes, Rolling
Intelligent power adjustment	Yes
RFID	Opt

## Working environment

Protection degree	IP65
Environment temperature	-40 C ~ +50 C
Relative humidity	0-95% non-condensing
Maximum altitude	<2000m
Cooling	Natural air cooling
Standby power consumption	<8W

## Mechanical

Dimension (W/H/D)	249/104/48mm
Weight	3KG

## Certificate

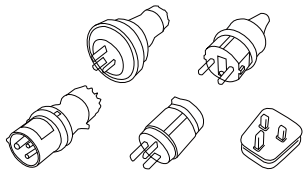
Certificate	CE,TUV,FCC,IK10,IP65,
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# EV CHARGING PLUG

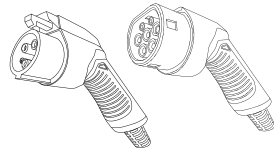
High power with LCD screen (16A-40A)



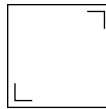
PCD-040



AU/SCHUKO/CEE/NEMA/UK plug



Type 1/Type 2



LCD



LED

These are high-power boxes with LCD screens and maximum current up to 32A, which are mainly used in the US market.

If there is a fault, the fault information will be displayed on the screen. The charging current can be adjusted, and the inside of the box carries the temperature control chip. Once the working temperature exceeds the set value, the box will automatically cut off the power and stop charging until the temperature returns to the normal range.

It has a comprehensive protection mechanism that automatically repairs most non-hardware failures that occur. It can be used in any outdoor weather environment, even if it is immersed in water for a short time, it will not affect the use.

Model PCD040 PCD041

Input & Output	PCD040 PCD041
Input voltage/Output voltage	100~250V AC
Input frequency	47~63Hz
Max. output power	7.2KW
Max. output current	32A
Charging interface type	IEC 62196-2, SAE J1772

## Protection

Over voltage protection	Yes
Under voltage protection	Yes
Over load protection	Yes
Short circuit protection	Yes
Earth leakage protection	Yes
Over-temp protection	Yes
Lightning protection	Yes

## Function and Accessory

Ethernet/WIFI/4G/Bluetooth	No
LCD	1.8-inch color display
RCD	Type A
LED Indicator light	Blink (040) Rolling (041)
Intelligent power adjustment	Yes
RFID	Opt

## Working environment

Protection degree	IP65
Environment temperature	-20 C ~ +65 C
Relative humidity	0-95% non-condensing
Maximum altitude	<2000m
Cooling	Natural air cooling
Standby power consumption	<8W

## Mechanical

Dimension (W/H/D)	249/104/48mm
Weight	4KG

## Certificate

Certificate	CE,FCC
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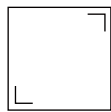
# EV WALLBOX



Mode A  
(with socket )



Mode C  
(with plug+cable)



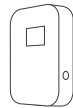
LCD



LED Flash



Key Switch/  
Button Switch



PC-ABS Material

This is a simple wallbox, which can be divided into modeA and modeC depending on the way the EV is connected. It comes with a color LCD display, users can clearly see the current working status through the color LCD, including charging time, current power, current internal temperature and so on.

It can automatically repair non-hardware faults that occur during charging, and faults that require manual repair will be displayed on the LCD screen. The housing is sturdy and has an IP67 rating. The installation is simple, if the customer needs to be installed on the ground, we can provide the matching column.

The APP version and the RFID version appearing below are upgrades for this product, with the same consistent performance and installation method.

## Model BS20

### Input & Output

Input voltage/Output voltage	100~250V AC
Input frequency	47~63Hz
Max. output power	7.6KW/22KW(three phase)
Max. output current	32A
Charging interface type	32A

### Protection

Over voltage protection	Yes
Under voltage protection	Yes
Over load protection	Yes
Short circuit protection	Yes
Earth leakage protection	Yes
Over-temp protection	Yes
Lightning protection	Yes

### Function and Accessory

Ethernet/WIFI/4G/Bluetooth	No
LCD	3.5-inch color display
RCD	Type A+6mA (16A) / type A (32A)
LED Indicator light	Yes
Intelligent power adjustment	Yes
RFID	No

### Working environment

Protection degree	IP67
Environment temperature	-20 C ~ +65 C
Relative humidity	0-95% non-condensing
Maximum altitude	<2000m
Cooling	Natural air cooling
Standby power consumption	<8W

### Mechanical

Dimension (W/H/D)	200/300/70mm
Weight	6KG

### Mounting Accessories

Wall-mounting bracket/Ground-mounting pole	Yes/Opt
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### Certificate

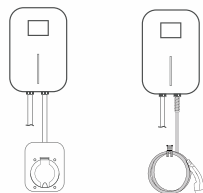
Certificate	CE,TUV,FCC,IK10,IP65,CSA
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# EV WALLBOX

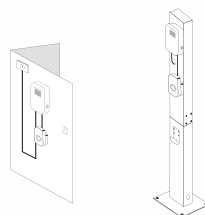
APP version



Charging Connection Method: ModeA ModeC



Installation Method: Wall/Stand



Remote Control by APP  
start or stop charging via Wifi or Bluetooth



Firmware Update  
Make app version upgrades



Charging Time Setting  
Freely set the charging time and duration



Charging History Record  
Query charging history anytime,anywhere



Carbon Emission Reduction  
Check your carbon reduction by using the charging station



This is a wallbox that supports APP control. The user can control the wallbox to start and stop, or other operations on the mobile phone through the APP to view the current charging status and historical charging records.

When the wallbox is updated, the app will remind the user to upgrade the system to ensure that the user's wallbox is always in the most advanced version.

Model BS20-Single Phase

## Input & Output

Input voltage/Output voltage	100~250V AC / 380V±20V AC (Three Phase)
Input frequency	47~63Hz
Max. output power	7.6KW
Max. output current	32A
Charging interface type	IEC 62196-2, SAE J1772

## Protection

Over voltage protection	Yes
Under voltage protection	Yes
Over load protection	Yes
Short circuit protection	Yes
Earth leakage protection	Yes
Over-temp protection	Yes
Lightning protection	Yes

## Function and Accessory

Ethernet/WIFI/4G/Bluetooth	No/Yes/Opt/Yes
LCD	3.5-inch color display
RCD	Type A
LED Indicator light	Yes
Intelligent power adjustment	Yes
RFID	No

## Working environment

Protection degree	IP67
Environment temperature	-20 C ~ +65 C
Relative humidity	0-95% non-condensing
Maximum altitude	<2000m
Cooling	Natural air cooling
Standby power consumption	<8W

## Mechanical

Dimension (W/H/D)	200/300/70mm
Weight	6KG

## Mounting Accessories

Wall-mounting bracket/Ground-mounting pole	Yes/Opt
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## Certificate

Certificate	CE,TUV,FCC,IK10,IP65,CSA
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