



EV CHARGING STATION

EV wallbox, also known as Level 2 charger or Mode 3 charger
is the most popular charging solution for residential and public use.

BASIC Version

RFID Version

APP Version

OCPP Version

DLB Version

L E A D I N G T H E E V C H A R G I N G T O A B E T T E R W A Y





Feedback of customer

It is a very precious opportunity for us to get in touch with customers. We are glad to receive both negative and positive comments and hear suggestions from our customers. This way we get to know about real demand from the markets and how to modify our products to make them perfectly suitable. We are very grateful to all customers who helped us and would like to go further together with you.



Wallbox Basic Version

3.6kW / 7.2kW / 11kW / 22kW



BS20

Product Overview

The basic wall-mounted charger is suitable for home use. It is user-friendly, easy to install, stable in performance and has a complete protection mechanism. It is compatible with any electric vehicle. The LCD display can show the detailed charging status.



Intelligent Chip

Automatically fix the non-hardware faults during charging



Colorful LCD Display

Shows the charging status like charging time, voltage, power consumption etc.



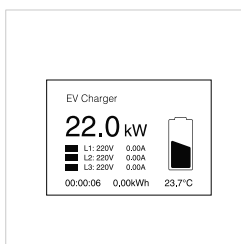
Easy Installation

Only takes few steps to mount the charger onwall, no complicated wiring process.

Model

BS20-BA

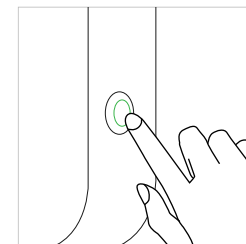
01



LCD Display

Can indicate charging status like charging time, voltage, power consumption etc.

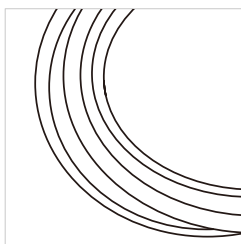
02



Button Switch

Can press the button to boot or break

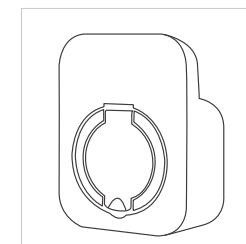
03



TPU Cable

More environmentally friendly and more resistant to cold and high temperatures.

04



Socket

Socket outlet for EV charging with alternating current (AC)

OPTIONAL MODELS

* For APP version and RFID version, current and output power can refer to the basic version.

1 BS20-BA-3.6KW 16A Single Phase

3 BS20-BA-11KW 16A Three Phase

2 BS20-BA-7.2KW 32A Single Phase

4 BS20-BA-22KW 32A Three Phase

5 BS20-BC-3.6KW 16A Single Phase

7 BS20-BC-11KW 16A Three Phase

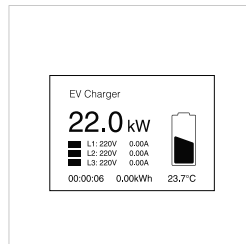
6 BS20-BC-7.2KW 32A Single Phase

8 BS20-BC-22KW 32A Three Phase

Model

BS20-BC

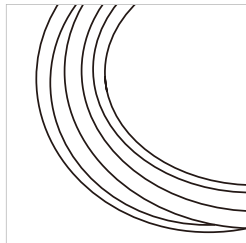
01



LCD Display

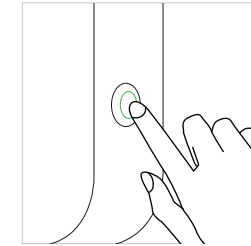
Can indicate charging status like charging time, voltage, power consumption etc.

03



TPU Cable

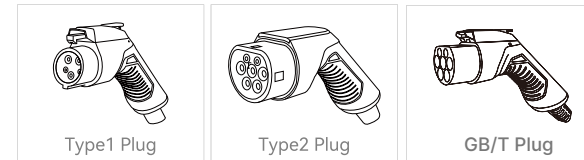
02



Button Switch

Can press the button to boot or break

04



High Compatibility

Fitting 99.5% EVs , 100% correctly and effectively

Safety Protection

Provide full and complete protection while charging

Waterproof Rating up to IP66

Can maintain normal use even in extreme weather

OPTIONAL MODELS

* For APP version and RFID version, current and output power can refer to the basic version.

1 BS20-BA-3.6KW 16A Single Phase

3 BS20-BA-11KW 16A Three Phase

2 BS20-BA-7.2KW 32A Single Phase

4 BS20-BA-22KW 32A Three Phase

5 BS20-BC-3.6KW 16A Single Phase

7 BS20-BC-11KW 16A Three Phase






6 BS20-BC-7.2KW 32A Single Phase

8 BS20-BC-22KW 32A Three Phase

PRODUCT DETAILS



Every electric vehicle owner has a charging station installed at home for daily use. When they choose home charging stations, below are their concerns:

-  Easy to install, no need for complicated installation tools.
-  High security, complete protection mechanism and local quality certification.
-  Simple to operate, no much time will be wasted on figuring out various functions.
-  Strong stability, simple minor faults can be easily repaired after restarting.
-  High compatibility, capable to identify various EV models and support the charging settings on different vehicles.

Model BS20							
Input & Output		Mechanical		Protection		Function	
Input voltage/Output voltage	AC 230V/400V	Dimension (L/W/D)	295/195/65mm	Under voltage protection	✓	Ethernet/WiFi/4G/Bluetooth	Optional
Input frequency	47~63Hz	Weight	6KG~8KG	Over load protection	✓	LCD	3.5-inch color display
Max. output power	7.2kW(1 Phase)/22kW(3 Phase)	Certificate		Short circuit protection	✓	RCD	Type A / Type A+6mA DC
Max. output current	32A	Certificate	CE, FCC, CSA, RoHS	Earth leakage protection	✓	LED Indicator light	✓
Charging interface type	SAE J1772, IEC 62196-2, GB/T			Over-temp protection	✓	Current adjusting	✓
				Lightning protection	✓		
				Working Environment			
				IP rating	IP66		
				Environment temperature	-25℃~+55℃		
				Relative humidity	0~95% non-condensing		
				Maximum altitude	<2000m		
				Cooling	Natural air cooling		
				Standby power consumption	<8W		

Wallbox RFID Version

3.6kW / 7.2kW / 11kW / 22kW

BS20-RFID



Product Overview

The RFID wall-mounted charging station is suitable for both indoor and outdoor charging. By using our compact RFID card, you can start or stop charging, prevent unauthorized people to use your charging station.



Intelligent Chip

Automatically fix the non-hardware faults during charging



Colorful LCD Display

Shows the charging status like charging time, voltage, power consumption etc.



RFID Control

The charging station can be started/stopped by swiping the specialized RFID Card.

PRODUCT DETAILS



BS20-BA-RFID

BS20-BC-RFID

Easy use

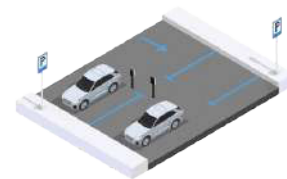


RFID Card Accepted

Usage scenario



Gas station



Parking lot



Home use

Model BS20-RFID

Input & Output	
Input voltage/Output voltage	AC 230V/400V
Input frequency	47~63Hz
Max. output power	7.2kW(1 Phase)/22kW(3 Phase)
Max. output current	32A
Charging interface type	SAE J1772, IEC 62196-2, GB/T

Mechanical	
Dimension (L/W/D)	295/195/65mm
Weight	6KG-8KG
Certificate	
Certificate	CE, FCC, CSA, RoHS

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

Function	
Ethernet/WIFI/4G/Bluetooth	Optional
LCD	3.5-inch color display
RCD	Type A / Type A+6mA DC
LED Indicator light	✓
Current adjusting	✓

Working Environment	
IP rating	IP66
Environment temperature	-25°C~+55°C
Relative humidity	0~95% non-condensing
Maximum altitude	<2000m
Cooling	Natural air cooling
Standby power consumption	<8W



Wallbox APP Version

3.6kW / 7.2kW / 11kW / 22kW



BS20-APP

Product Overview

It is an intelligent wall-mounted charging station, which can freely set the charging time and duration, remote control by APP, and can check your charging history documents anytime.



Intelligent Chip

Automatically fix the non-hardware faults during charging



Colorful LCD Display

Shows the charging status like charging time, voltage, power consumption etc.



APP Control

The charging station can be easily controlled by phone, freely start or stop charging, set charging time and current.

PRODUCT DETAILS



BS20-BA-APP

BS20-BC-APP



Charging Time Setting
Freely set the charging time and duration



Charging History Record
Query charging history anytime, anywhere



Remote Control by APP
Start or stop charging via Bluetooth



Firmware Update
Make app version upgrades



Model BS20-APP

Input & Output	
Input voltage/Output voltage	AC 230V/400V
Input frequency	47~63Hz
Max. output power	7.2kW(1 Phase)/22kW(3 Phase)
Max. output current	32A
Charging interface type	SAE J1772, IEC 62196-2, GB/T

Mechanical	
Dimension (L/W/D)	295/195/65mm
Weight	6KG-8KG
Certificate	
Certificate	CE, FCC, CSA, RoHS

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

Function	
Ethernet/4G/Bluetooth	Optional
LCD	3.5-inch color display
RCD	Type A / Type A+6mA DC
LED Indicator light	✓
Current adjusting	✓

Working Environment	
IP rating	IP66
Environment temperature	-25°C~+55°C
Relative humidity	0~95% non-condensing
Maximum altitude	<2000m
Cooling	Natural air cooling
Standby power consumption	<8W

Wallbox OCPP Version

3.6kW / 7.2kW / 11kW / 22kW

BS20-OCPP



Product Overview



Intelligent Chip

Automatically fix the non-hardware faults during charging



Colorful LCD Display

Shows the charging status like charging time, voltage, power consumption etc.



OCPP Control

OCPP 1.6 Protocol

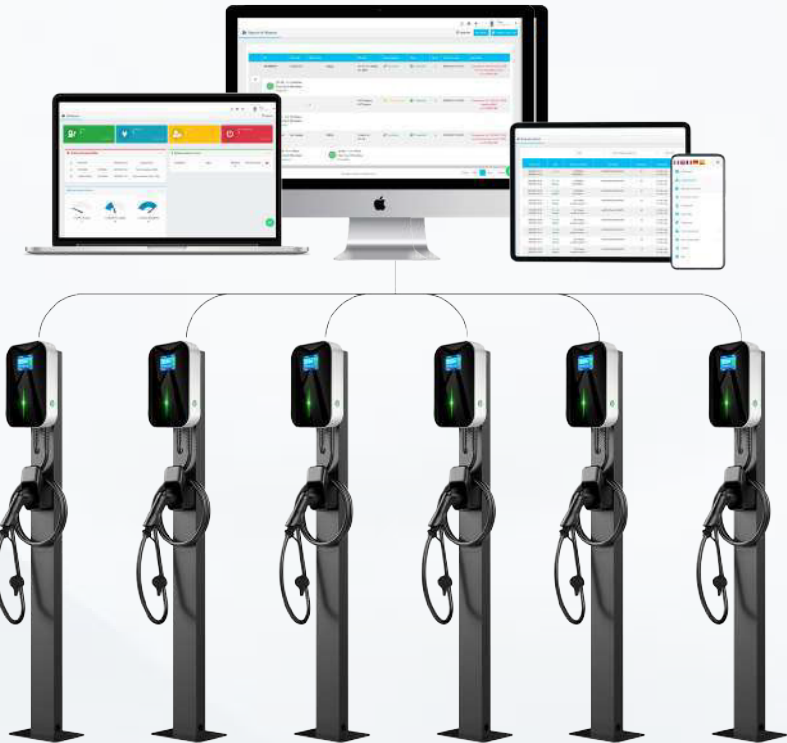
OCPP is an open-source communication standard for EV charging stations and network software companies. Simply put, any EV charging station that is OCPP-compliant can be configured to run any similarly OCPP-compliant software.

PRODUCT DETAILS



BS20-BA-OCPP

BS20-BC-OCPP



High compatibility

You could choose different OCPP platform operators.



Payment system

Offer accurate charging data to back end for payment.



Software management

Manage all EV charging hardware in one place



Customization

Support multiple commands that allow you to customize different functions.



Model BS20-OCPP

Input & Output	
Input voltage/Output voltage	AC 230V/400V
Input frequency	47~63Hz
Max. output power	7.2kW(1 Phase)/22kW(3 Phase)
Max. output current	32A
Charging interface type	SAE J1772, IEC 62196-2, GB/T

Mechanical	
Dimension (L/W/D)	312/193/75mm
Weight	6KG-8KG
Certificate	
Certificate	CE

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

Function	
Charging protocol-Hub	OCPP 1.6-J
Ethernet	Optional
4G	Optional
RFID	Optional
LCD	3.5-inch color display
RCD	Type A / Type A+6mA DC
LED Indicator light	✓
Intelligent power adjustment	✓

Working Environment	
IP rating	IP66
Environment temperature	-25°C~+55°C
Relative humidity	0~95% non-condensing
Maximum altitude	<2000m
Cooling	Natural air cooling
Standby power consumption	<8W



Wallbox DLB Version

3.6kW / 7.2kW / 11kW / 22kW



BS20-DLB

Product Overview

Dynamic load balancing safely distributes the energy between an EV and other home appliances. This ensures that when charging a vehicle, you never exceed your home's maximum power consumption.



Intelligent Chip

Automatically fix the non-hardware faults during charging



Colorful LCD Display

Shows the charging status like charging time, voltage, power consumption etc.




Dynamic Load Balancing

Our Dynamic Load Balancing is a hardware accessory sold with our home charging station.

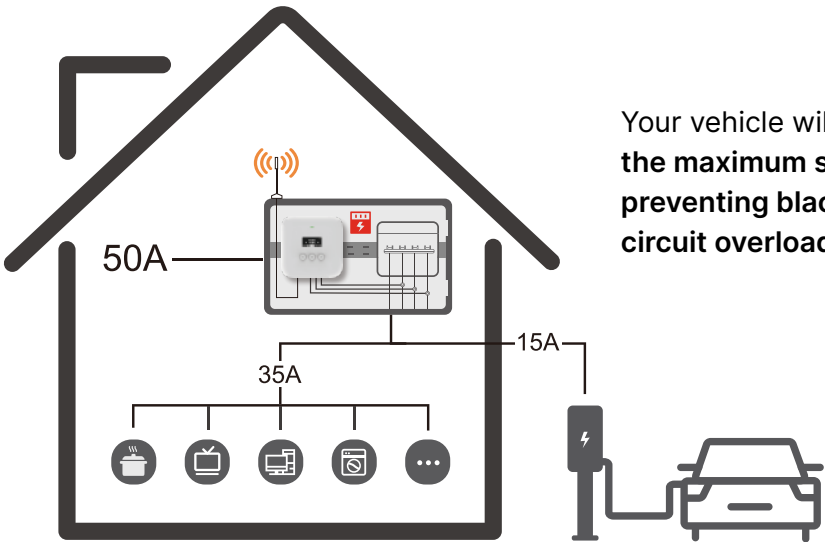
PRODUCT DETAILS

Dynamic Load Balancing for Electric Vehicles


Avoid Costly
Grid Expansion


Monitor and Regulate
Real-time Energy Consumption








Enhance Charging
Efficiency



Your vehicle will charge at the maximum safe speed, preventing blackouts and circuit overloads.



FEATURE

-  Suitable for installation in various environments.
-  Compatible with photovoltaic inverters.
-  Easy assembly, no need for adjustments.
-  Stable signal transmission with a recognition range of up to 50 meters.
-  Precise current control with rapid response.
-  Supports one-to-many configurations after future upgrades.

Model BS20-DLB

Input & Output	
Input voltage/Output voltage	AC 230V/400V
Input frequency	47~63Hz
Max. output power	7.2kW(1 Phase)/22kW(3 Phase)
Max. output current	32A
Charging interface type	SAE J1772, IEC 62196-2, GB/T

Mechanical	
Dimension (L/W/D)	295/195/65mm
Weight	6KG-8KG
Certificate	
Certificate	CE

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

Function	
Dynamic Load Balancing	✓
LCD	3.5-inch color display
RCD	Type A / Type A+6mA DC
LED Indicator light	✓
Intelligent power adjustment	✓

Working Environment	
IP rating	IP66
Environment temperature	-25°C~+55°C
Relative humidity	0~95% non-condensing
Maximum altitude	<2000m
Cooling	Natural air cooling
Standby power consumption	<8W

Wallbox OCPP Version

3.6kW / 7.2kW / 11kW / 22kW

BS20-OCPP



Product Overview



Intelligent Chip

Automatically fix the non-hardware faults during charging



Colorful LCD Display

Shows the charging status like charging time, voltage, power consumption etc.



OCPP Control

OCPP 1.6 Protocol

OCPP is an open-source communication standard for EV charging stations and network software companies. Simply put, any EV charging station that is OCPP-compliant can be configured to run any similarly OCPP-compliant software.