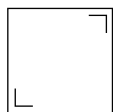# BESEN

EV WALLBOX

• Mode A: Charging Station with a Type 2 socket

Model: BS20-BA-3.6KW (16A 1phase)
BS20-BA-7.2KW (32A 1phase)
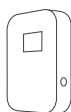BS20-BA-11KW (16A 3phase)
BS20-BA-22KW (32A 3phase)

• Mode C: Charging Station with a 20 feet Type1 /Type2 cable

Model: BS20-BC-3.6KW (16A 1phase)
BS20-BC-7.2KW (32A 1phase)
BS20-BC-11KW (16A 3phase)
BS20-BC-22KW (32A 3phase)

LCD	LED Flash	Button Switch	PC-ABS Material

This is a simple wallbox, which is divided into 2 kinds: ModeA and ModeC, depending on the way the EV is connected. It comes with a colorful LCD display that allows users to clearly see the current charging status including charging time, voltage, current internal temperature and etc.

It can automatically fix non-hardware faults that occur during charging. Faults that require manual repair will be displayed on the LCD screen. The housing is sturdy and has an IP66 rating.

It can be easily installed on the wall. If the customer prefers wallbox to be installed on the stand, we can provide the matching one.

The APP wallbox and the RFID wallbox appearing below are upgraded versions of this product, with the same consistent performance and installation method.

MODEL BS20

Input & Output

Input voltage/Output voltage	AC 230V/400V
Input frequency	47~63Hz
Max. output power	7.6KW(1 Phase)/22KW(3 Phase)
Max. output current	32A
Charging interface type	IEC 62196-2, SAE J1772

Protection

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

Function and Accessory

Ethernet/WIFI/4G/Bluetooth	Optional
LCD	3.5-inch color display
RCD	Type A / type A+6mA DC
LED Indicator light	✔
Intelligent power adjustment	✔
RFID	Optional

Working environment

Protection degree	IP66
Environment temperature	-40℃ ~ +75℃
Relative humidity	0-95% non-condensing
Maximum altitude	<2000m
Cooling	Natural air cooling
Standby power consumpiton	<8W

Mechnical

Dimension (W/H/D)	295/195/65mm
Weight	6KG~8KG

Mounting Accessories

Wall-mounting bracket	✔
Ground-mounting pole	Optional

Certificate

Certificate	CE, TUV, FCC, CSA, RoHS

APP version

Charging Time Setting
Freely set the charging time and duration
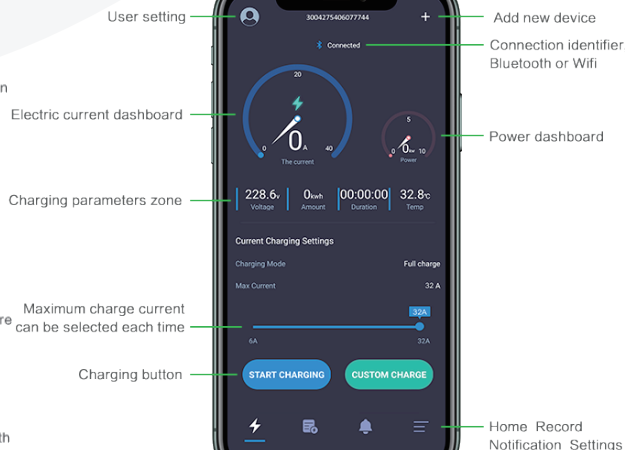
Firmware Update
Make app version upgrades

Charging History Record
Query charging history anytime, anywhere

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

User setting
Add new device
Connection identifier, Bluetooth or Wifi
Electric current dashboard
Power dashboard
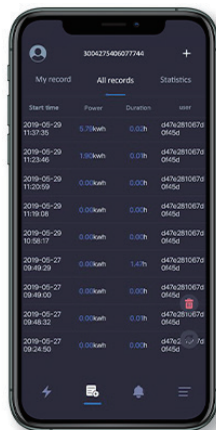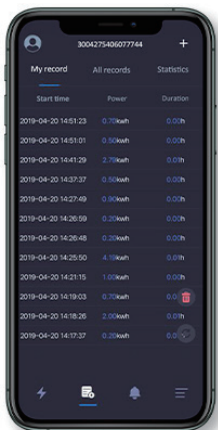Charging parameters zone
Maximum charge current can be selected each time
Charging button
Home Record Notification Settings

HISTORY RECORD

Check your charging history documents anytime

MODEL BS20-APP	
Input & Output	
Input voltage/Output voltage	AC 230V/400V
Input frequency	47~63Hz
Max. output power	7.6KW(1 Phase)/22KW(3 Phase)
Max. output current	32A
Charging interface type	IEC 62196-2, SAE J1772
Protection	
Over voltage protection	✔
Under voltage protection	✔
Over load protection	✔
Short circuit protection	✔
Earth leakage protection	✔
Over-temp protection	✔
Lightning protection	✔
Function and Accessory	
WIFI/Bluetooth	✔
LCD	3.5-inch color display
RCD	Type A / Type A+6mA DC
LED Indicator light	✔
Intelligent power adjustment	✔
RFID	Optional
Working environment	
Protection degree	IP66
Environment temperature	-40℃ ~ +75℃
Relative humidity	0-95% non-condensing
Maximum altitude	<2000m
Cooling	Natural air cooling
Standby power consumpiton	<8W
Mechnical	
Dimension (W/H/D)	295/195/65mm
Weight	6KG~8KG
Mounting Accessories	
Wall-mounting bracket	✔
Ground-mounting pole	Optional
Certificate	
Certificate	CE, TUV, FCC, CSA, RoHS

BESEN

EV WALL BOX
RFID card version

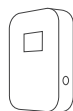EV CHARGING STATION
30.8A
RFID

RFID · LCD · LED Flash · Button Switch · PC-ABS Material

This is a wallbox that supports RFID cards. Charging can be started or stopped with the RFID card swipe, thus eliminating the unauthorized use of the cardless user.

In addition to the use of individual users, this product is also suitable for hotels, hospitals, companies and other places. Users can control all or part of the charging stations' functions. The control can be granted by our additional card writer and a new RFID program.

For corporate customers, this product is simple to operate, cost-controllable, easy to manage. Meets most needs.

MODEL BS20-RFID

Input & Output

Input voltage/Output voltage	AC 230V/400V
Input frequency	47~63Hz
Max. output power	7.6KW(1 Phase) / 22kw(3 Phase)
Max. output current	32A
Charging interface type	IEC 62196-2, SAE J1772

Protection

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

Function and Accessory

Ethernet/WIFI/4G/Bluetooth	Optional
LCD	3.5-inch color display
RCD	Type A / Type A+6mA DC
LED Indicator light	✔
Intelligent power adjustment	✔
RFID	✔

Working environment

Protection degree	IP66
Environment temperature	-40℃ ~ +75 ℃
Relative humidity	0-95% non-condensing
Maximum altitude	<2000m
Cooling	Natural air cooling
Standby power consumpiton	<8W

Mechnical

Dimension (W/H/D)	295/195/65mm
Weight	6KG~8KG

Mounting Accessories

Wall-mounting bracket	✔
Ground-mounting pole	Optional

Certificate

Certificate	CE, TUV, FCC, CSA, RoHS