



### PRODUCT OVERVIEW

The EV-BS20 Series is an app based charger that works with both iOS and Android systems. Powerful and easy to operate.

### FEATURES

- Connects via Bluetooth
- Generates charging records that can be exported and remotely updated
- Can be wall mounted or installed on free standing pedestal
- Easy and convenient installation
- Works with voltage ranges from 110V to 400V (+10%)
- IP66 waterproof protection for outdoor use
- Compatible with all major EVs

### APPLICATIONS

- Home charging
- Retail shopping centers
- Corporate office complexes
- C-Stores & gas stations
- Hotels & resorts
- Restaurants
- Entertainment venues
- Stadiums and sports arenas
- Fleets
- Customer loyalty programs

### Product Description

PART#	DESCRIPTION	INPUT VOLTAGE	OUTPUT RATING	CHARGING INTERFACE	WEIGHT
EV-BS20-BA	32A EV Charger	230VAC	7.6kW	Type 2 Socket	13-17 LBS
EV-BS20-BC	32A EV Charger	230VAC	7.6kW	Type 2 Plug	13-17 LBS

### Specifications

MODEL#	EV-BS20-BA	EV-BS20-BC
Input/Output Voltage	230VAC	
Input Frequency	47-63Hz	
Max Output Power	8.8kW (Single Phase)	
Max Output Current	40A	
Charging Interface Type	SAE J1772	
<b>PROTECTION</b>		
Over Voltage Protection	Yes	
Under Voltage Protection	Yes	
Overload Protection	Yes	
Short Circuit Protection	Yes	
Ground Leakage Protection	Yes	
Over-temp Protection	Yes	
Lightning Protection	Yes	
<b>FUNCTION</b>		
WiFi/Bluetooth	Yes	
LCD	3.5" color display	
RCD	Type A / Type A +6mA DC	
LED Indicator Light	Yes	
Intelligent Power Adjustment	Yes	
RFID	Optional	
<b>WORKING ENVIRONMENT</b>		
Protection Degree	IP66	
Temperature	-40°F ~ 167°F	
Relative Humidity	0-95% non-condensing	
Maximum Altitude	<6561 FT	
Cooling	Natural air cooling	
Standby Power Consumption	<8W	
<b>MECHANICAL</b>		
Connector	Type 2 Socket (Type 1 Optional)	Type 2 Plug (Type 1 Optional)
Dimensions	3.74" x 7.67" x 2.55"	
Weight	13-17 LBS	
<b>MOUNTING ACCESSORIES</b>		
Wall Mounting Bracket	Yes	
Free Standing Pedestal	Optional	
<b>CERTIFICATIONS</b>		
Certifications	CE, RoHS, ETL, FCC	

### Product Details



EV Charger	44.3°C
<b>30.8A</b>	
212V 1.14Kwh 00:11:04	
Rated	32A

**LCD Display**  
Can indicate charging status like charging time, voltage, power consumption etc



**Button Switch**  
Can press the button to boot or break

#### Optional Plugs

**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



#### Pole

Charging station can also be installed on the pole, especially designed for Besen charging station



#### PC-ABS Material

Desirable properties of both materials, superior strength and heat resistance of PC and flexibility of ABS

**BS20-BC**



#### BS20-BA

- Socket outlet for EV charging with alternating current (AC)
- Compatible with type 2 plugs
- For installation on chair for E-Mobility (EVSE)



#### ⌚ Charging Time Setting

Freely set the charging time and duration

#### 📅 Charging History Record

Query charging history anytime, anywhere

#### 🔧 Firmware Update

Make app version upgrades

#### 📶 Remote Control by APP

Start or stop charging via Wifi or Bluetooth