

BESEN Basic EV Charger

Model Name: BS20-Basic



- Max OutputPower: 7.2kW(1 Phase)/22kW(3 Phase)
- Max Output Current: 32A
- RCD Type A+6MA DC
- Basic Function
- Ingress Protection: IP66
- Impact Protection: IK10

The BESEN Basic EV charging station is a full-featured home EV charger designed to provide safe and reliable charging for electric vehicles. This EV wall box charger delivers a maximum power of 22 kW and comes with waterproof housing, making it suitable for indoor and outdoor installations. The charger is equipped with side buttons, allowing users to control the device easily, and offers real-time monitoring of the charging status. The BESEN Basic EV Charger also comes with built-in safety mechanisms that *ensure the vehicle's safety during* long charging sessions, providing complete protection to the user.

Specification	Model	BS20-Basic
Connector and Electrical	Rated voltage AC± 10%	220 / 380V, 50 / 60Hz
	AC Power Output Rating	Max 7.2 kW / 22kW
	AC Power Input Rating	AC 230V / 400V
	Required Service Panel Breaker	Dedicated Dual Pole rated for 125% of maximum load (ex: 40A breaker for 32A output)
	Power Wiring	3 Wire–L1, PE, N / 5 Wire–L1, L2, L3, PE, N
	Charging Cable Length	6000mm
	Connector Type	SAE J1772 / IEC 62196-2
	EMC Compliance	FCC Part 15 Class B
	Power Measurement Accuracy	±2.0%
Performance and Safety	Ground Fault Detection	20 mA CCID with auto retry
	Plug-Out Detection	Power terminated per SAE J1772 / IEC 62196-2 specifications
	Ingress Protection	IP66
	Impact Protection	IK10
	Electrical Protection	Under voltage protection / Over load protection / Short circuit protection / Earth leakage protection / Over-temp protection
	RCD type	Type A+6mA dc
	Operating Temperature	-30°C~70°C
	Operating Humidity	Up to 95% at 50°C (122°F) non-condensing
	Certifications	CE/FCC/CSA/RoHS/ETL/UL
Function	Status LED	Yes
	LCD Display	Yes
	Mounting Method	Wall-Mounted/Ground-mounting Pole
	Button On/OFF	Optional
	APP	No
	RFID	No
	load balance	No
	Ocpp	No
Package	External Package	Carton
	Package Dimension	295 / 195 / 65mm
	Gross Weight	6KG~8KG