

Compact & Portable EV Charger (Replaceable)

2kw/3.5kw/7kW AC Charger

Product Features

Ideal choice for residential and commercial EV charging

Replaceable, ergonomic and customisable design

Optional RFID/APP etc. for user identification and management

Features IP65 protection for indoor/outdoor applications and safeguards against over-temperature, over-voltage, overcurrent, and short circuits

Supporting 2kW, 3.5kW, and 7kW charging capacities, it adapts to various voltage levels, ensuring broad compatibility

Use case include home charging, Parking garage and EV dealer workshops

Main function

QR-code/BLE/Card/Plug and Charge

5m charging cable (optional)

Charger Connector: IEC62196-2 (Type 2)

OTA upgrade, dialog and troubleshooting

BLE + Eth/Wi-Fi/4G (Optional)

OCPP 1.6j

IP65



2/3.5/7 kw Portable Charger

- ① Body
- ② Charge Gun Holder
- ③ Charger Holder
- ④ 32 Amp
- ⑤ 15 Amp
- ⑥ 10 Amp
- ⑦ Type 2 Cable
- ⑧ Charger Bag

Main Performance And Characteristics

Parameters	Model	Q20	
Input	Power Supply	1P+N+PE	
	Voltage	220±20%V AC	230Vac ± 10%
	Max Current	10A/15A	10A/15A/32A
	Frequency	47 ~ 63 Hz	
Output	Voltage	Type2 : 220V AC	
	Max Current	Type2: 15 A	Type2: 32A
	Rated Power	Type2: 3.5kW	Type2: 7kW
User Interface	Charge Plug	Type2	
	Cable Length	5 Meters (Optional)	
	Enclosure	Plastic	
	LED Indicator	NO	
	LCD Display	Small Display With Light Indicator	
	RFID Card Reader	No	
	Start Method	Plug And Charge (Start By Push Button)	
Communication	Communication	NO	
	Protocol	NO	
Electrical Performance	Efficiency	≥95% (Half Load And Above)	
	Power Factor	0.98 (Rated Load)	
	Harmonic Distortion Rate	55% (Half Load And Above)	
	Ripple Coefficient	≤1% (Peak To Peak)	
Safety	Energy Meter	No	
	Emergency Stop	Yes	
	RCD	Type A	
	Protection Grade	IP54 And IK10	IP65 And IK08
	Electrical Protection	Over-Current, Leakage, Short Circuit, Grounding, Lightning, Under-Voltage, Over-Voltage And Over-Temperature	
	Certification	CE, RCM	
	Standard	EN/IEC 61851-1,ENEC 61851-23,IEC 61851-24,EN/EC 61851-21-1	
Working Environment	Installation	Portable	
	Cooling	No	
	Temperature Range	Working At -30~+55°C; Storage At-40°C~+80°C	
	Working Humidity	5%~95% (Non-Condensation)	
	Altitude	≤2000m	
Package	Product Size	850*850*1800mm (W*D*H)	
	N.W.	3.0kg	3.8kg
Others	Packaging Material	Carton Box	
	Warranty	2 Years	