

Compact & Portable EV Charger (Replaceable)

2kW/3.5kW/7kW AC Charger

Product Features

Ideal for residential and commercial EV charging

BLE & Wi-Fi built-in, optional 4G, OCPP 1.6J compatible for online platform control

Temperature and leakage protection with automatic safe-current adjustment for safe operation

IP65 weatherproof with full electrical protection

Wall-mount or stand-mount options

Main function

QR code / BLE / Plug & Charge

5 m charging cable (optional)

Charger connector: IEC 62196-2 (Type 2)

BLE, Wi-Fi, and 4G connectivity (optional)

OCPP 1.6J compliant

Portable or wall-mount installation options

IP65-rated weatherproof design

Built-in protection to prevent fire hazards

OTA upgrade, remote diagnostics, and troubleshooting



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 LCD Color Screen | |
| | RFID Card Reader | No | |
| | Start Method | Plug And Charge (Start By Push Button) | |
| Communication | Communication | BLE/WI-FI/4G(Optional) | |
| | Protocol | OCPP 1.6J | |
| 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 | 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 | Natural Cooling | |
| | 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 | |