



Main Features

- Excellent industrial design brings pleasant user experience.
- Connect to any backend based on OCPP 1.6J protocol.
- Equipped with Bluetooth for easy commissioning.
- Could connect to Starcharge Peak Controller (optional accessories) via Ethernet to realize local dynamic load management.
- Certified MID measurement for power consumption.



Specifications

General Information	
Charging Mode	Mode 3 (IEC 61851-1)
Input/Output Power&Current Rating	7kW/32A max. 11kW (3.5kW single phase)/16A max.
Input/Output Voltage Rating	184-264Vac, single phase, 45~65Hz, L+N+PE 184-264Vac, single phase, 45~65Hz, L1+N+PE 400Vac±15%, three phase, 45~65Hz, L1+L2+L3+N+PE
Grid Type	TN-S, TN-C-S, TT, IT(L1+L2 230Vac Single phase, optional) TN-S, TN-C-S, TT, IT(L1+L2 230Vac Single phase, optional)
Charging Interface	IEC 62196-2 Type 2 tethered plug (Case C)
Metering	Onboard metering chip, Accuracy: Class B
Internal RCD	Type A RCD + 6mA DC
Protection	Overcurrent, Overvoltage, Undervoltage, Residual current, Short circuit, Over temperature, Grounding fault, Integrated surge protection
User Interface	
Display & Support Languages	Digital screen
Status Indication	LED indicator
Bluetooth	5.0
Button & Switch	No emergency button, with rotary switch inside(used for setting output current limitation)
User Authentication	Free Charge + RFID card + APP
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693
Communication	
Network Interface	4G, Wi-Fi, Bluetooth, Ethernet, RS485
Protocol (EVSE&Backend)	OCPP 1.6J
Protocol (EVSE&EV)	Control pilot
Environmental	
Operating Temperature	-30°C to 50°C
Storage Temperature	-40°C to 85°C
Humidity	5% to 95% no condensation
Altitude	≤3000m above sea level
Mechanical	
IP Rating	IP65
IK Rating	IK10
Cooling	Natural cooling
Charging Cable Length	5m or 7m(optional)
Dimensions (WxHxD)	280*280*148 mm
Weight	Approx. 3.75kg
Installation	Wall mounting, Pole mounting (Pole is optional)
Certification and standards	
Standards and compliance	IEC 61851-1, IEC 61851-21-2, LVD 2014/35/EU, RED 2014/53/EU, IEC 62955 (RCD), 2014/32/EU (Metering), EN 62052-11: 2021, EN-IEC 62052-11/A11, EN 50470-3: 2022
Certification	CE-RED, CB, MID(ongoing)