



# Product Datasheet

European Standard

StarCharge Overseas BD

2022-06



## Main Features

- Excellent industrial design brings pleasant user experience.
- Connect to any backend based on OCPP 1.6J protocol.
- Support 4G, WIFI, Ethernet, RS485.



## Specifications

General Information	
Charging Mode	Mode 3 (IEC 61851-1)
Input/Output Power&Current Rating	7.4kW/32A max.
Input/Output Voltage Rating	230Vac±10%, Single phase, 50/60Hz, L+N+PE
Grid Type	TN-S, TN-C, TN-C-S, TT
Charging Interface	Configuration 01: 1 x IEC 62196-2 Type 2 tethered plug (Case C) Configuration 02: 1 x IEC 62196-2 Type 2 socket (Case B)
Metering	Onboard metering chip or MID meter (optional), Accuracy: Class 1
Internal RCD	Type A 30mA AC + 6mA DC
Protection	Overcurrent, Overvoltage, Undervoltage, Residual current, Short circuit, Over temperature, Ground fault, Integrated surge protection
User Interface	
Display & Support Languages	No display
Status Indication	LED ring
Button and Switch	Emergency button and DIP switch inside (Used for setting output current limitation)
User Authentication	RFID card, App, Credit card (optional)
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092 (optional), IEC/ISO 15693 (optional)
Communication	
Network Interface	4G, Wifi, Ethernet
Protocol (EVSE&Backend)	OCPP 1.6J
Protocol (EVSE&EV)	Control pilot, ISO 15118 (optional)
Environmental	
Operating Temperature	-30℃ to 50℃
Storage Temperature	-40℃ to 70℃
Humidity	5% to 95% no condensation
Altitude	≤2000m above sea level
Mechanical	
IP Rating	IP54@Case B, IP55@Case C
IK Rating	IK10
Cooling	Natural cooling
Charging Cable Length	5m
Dimensions (WxHxD)	282*409*148 mm
Weight	Approx. 4.4kg
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
Certification	CE, TR25



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## Specifications

General Information	
Charging Mode	Mode 3 (IEC 61851-1)
Input/Output Power&Current Rating	11kW/16A max.
Input/Output Voltage Rating	400Vac±10%, 3 phases, 50/60Hz, L1+L2+L3+N+PE
Grid Type	TN-S, TN-C, TN-C-S, TT
Charging Interface	Configuration 01: 1 x IEC 62196-2 Type 2 tethered plug (Case C) Configuration 02: 1 x IEC 62196-2 Type 2 socket (Case B)
Metering	Onboard metering chip or MID meter (optional), Accuracy: Class 1
Internal RCD	Type A 30mA AC + 6mA DC
Protection	Overcurrent, Overvoltage, Undervoltage, Residual current, Short circuit, Over temperature, Ground fault, Integrated surge protection
User Interface	
Display & Support Languages	No display
Status Indication	LED ring
Button and Switch	Emergency button and DIP switch inside (Used for setting output current limitation)
User Authentication	RFID card, App, Credit card (optional)
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092 (optional), IEC/ISO 15693 (optional)
Communication	
Network Interface	4G, Wifi, Ethernet
Protocol (EVSE&Backend)	OCPP 1.6J
Protocol (EVSE&EV)	Control pilot, ISO 15118 (optional)
Environmental	
Operating Temperature	-30°C to 50°C
Storage Temperature	-40°C to 70°C
Humidity	5% to 95% no condensation
Altitude	≤2000m above sea level
Mechanical	
IP Rating	IP54@Case B, IP55@Case C
IK Rating	IK10
Cooling	Natural cooling
Charging Cable Length	5m
Dimensions (WxHxD)	282*409*148 mm
Weight	Approx. 5.6kg
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
Certification	CE, TR25