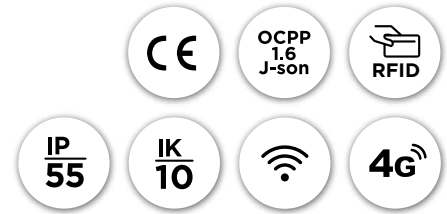# SM Twins Series

SMT-11 (S)
SMT-22 (S)

TUV certified

Overview

The SM Twins Series comes with a high-integrated smart board and communication function. The unit design meets IP55 standards, allowing it to be used indoor and outdoor. It supports OCPP 1.6J-SON, as well as RFID technology. With that, owners can collect all data via our PCEV mobile App, enabling truly intelligent charging.

CE | OCPP 1.6 J-son | RFID

IP 55 | IK 10 | (Wi-Fi) | 4G

Features

Sturdy metal casing	Indicator light	5 inch HD touch screen	RFID Sensor
Waterproof port	Emergency button	TPU cable	

FUTURE SMART CHARGING

- Timeless & classic design fits in urban space and architecture

- Compatible with full smart functions under OCPP 1.6 J-SON

- Approval for mobile application or cloud platform to remotely monitor operation

- Connection to the network by 4G, Wi-Fi and Ethernet

- Dynamic power control with PCE load balancer

- Independent Access hole, ,wiring entrance and rail-mounted components for most effective installation & maintenance

- Protection of car battery life with most stable charging process

HIGHEST SAFETY

- SPCC Carbon steel housing material, providing good heat dissipation; the structural strength is high, and the outdoor installation is not easy to be damaged

- The housing is made from materials, especially developed for top heat dissipation and with flame retardant coating

- Completely meets all requirements of the CE applicable standards

- AC/DC faults detection

- Real-time monitoring for heat and all instabilities during charging process

Specifications

Model	SMT-11 (S)	SMT-22 (S)
Operation		
Voltage	380V AC ±10%	
Output Current	2*16 A	2*32 A
Frequency	50/60 Hz	50/60 Hz
Output Power	2*11 kW	2*22 kW
Residual current protection	30mA AC/DC 6mA	
Emergency Stop Button	Yes	
Design		
Display	5" LCD touch screen	
RFID Function	Yes	
Charging Outlet / Socket	Two 4.5 m charging cables (Type 2) / Two charging sockets (Type 2)	
Housing Material	SPCC carbon steel	
Front Panel	PC	
Installation Method	Floor-mounted	
Network Gateway	LAN	
Communication Protocol	OCPP1.6 (JSON)	
Safety Standard	EN IEC 61851-1:2019; IEC 61851-1:2017; EN IEC 61851-21-2:2021; EN IEC 61000-6-1:2019; EN IEC 61000-6-2:2019; EN IEC 61000-6-3:2021; EN IEC 61000-6-4:2019; ETSI EN 300 328 V2.2.2:2019; ETSI EN 300 330 V2.1.1:2017; ETSI EN 301 489-1 V2.2.3:2019; ETSI EN 301 489-3 V2.1.1:2019; ETSI EN 301 489-17 V3.2.4:2020; EN IEC 62311:2020	
Environment		
Protection Level	IP55	
Working Altitude	< 2,000 m	
Application Site	Indoor / Outdoor	
Working Temperature	-30 ~ 60 °C	
Working Humidity	5%~95%, No condensation	
Altitude	≤ 2,000 m	
Atmospheric Pressure	80-101 kPa	
General		
Product Size	360*200*1,510 mm	
Base Size	460*300 mm	
Configuration		
Network Gateway	Wi-Fi / 4G	
Energy Meter	MID Power meter	
Dynamic Load Balance	RS485 meter	

pcepower.com

More Products

SM Series

SM-07 / SM-11 / SM-22

- Smart App control
- Eco mode
- Mini size
- OTA

SM Pro Series

SMP-07 / SMP-11 / SMP-22

- Smart App control
- 4G / Wi-Fi / Ethernet
- OCPP 1.6 J-son
- RFID

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