SM Pro Series

SMP-07
SMP-11
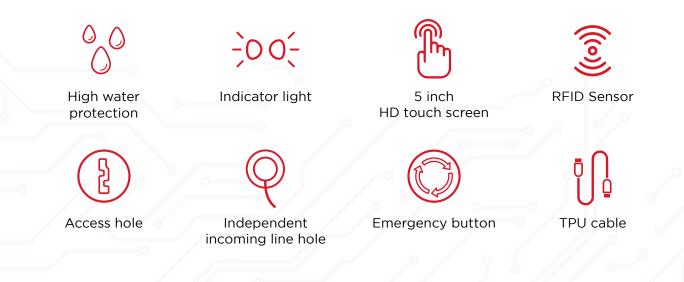SMP-22

TUV certified

Overview

The SM Pro Series comes with a high-integrated smart board and communication function.

The unit design can be used indoor and outdoor and supports OCPP 1.6J protocol and RFID.

With that, owners can collect all data via our PCEV mobile App.

CE | **OCPP 1.6 J-son** | **RFID**

IP 65 | **IK 08** | (Wi-Fi) | **4G**

Features

High water protection	Indicator light	5 inch HD touch screen	RFID Sensor
Access hole	Independent incoming line hole	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 monitor operation

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

- Dynamic power control with PCE load balancer

- Built-in MID certificated meter

- Wiring entrance and rail-mounted components for most effective installation & maintenance

- Protection of car battery life with most stable charging process

HIGHEST SAFETY

- PCV 0 housing with 2.0 ~ 3.0 mm thick exudes robustness & protects inside components from external influences

- 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	SMP-07	SMP-11	SMP-22
Operation			
Voltage	230V AC ±10%	380V AC ±10%	380V AC ±10%
Output Current	1*32 A	3*16 A	3*32 A
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Output Power	7 kW	11 kW	22 kW
Emergency Stop Button	Yes		
Design			
Display	LCD touch screen		
RFID Function	5pcs card		
Energy Meter	On board power meter, Optional: MID Power meter		
RCD	TYPE B RCD		
Charging Outlet	One charging socket (Type 2) / 4m charging cable		
Housing Material	PCV0 for outdoor		
Front Panel	PC		
Installation Method	Wall-mount / Floor-stand		
Network Gateway	Wi-Fi, [optional]: Ethernet, 4G		
Communication Protocol	OCPP1.6 (JSON)		
Safety Standard	EN 61851-1		
Environment			
Protection Level	IP65		
Temperature/Humidity	-30~50°C/5%~95% without condensation		
Working Altitude	<2,000m		
Application Site	Indoor / Outdoor		
Working temperature	-30 ~ 60 °C		
Storage temperature	-40 ~ 70 °C		
Working humidity	5%~95%, No condensation		
Altitude	≤ 2,000m		
Salt spray test	Meet IEC 61851-1: 2017		
Atmospheric pressure	80~101kPa		
Temperature and humidity cycle	Meet IEC 61851-1: 2017		
General			
Product Size	398*324*120 mm		
Product Weight	10 kg	11 kg	12 kg
Configuration			
Residual current protection	TYPE B (AC 30 MA + DC 6 MA)		
Network Gateway	4G		
O-PEN detection	Yes		
RFID	3 RFID cards		
Load balance	RS485 meter		

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More Products

SM Series
SM-07 / SM-11 / SM-22

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

EV Charging Cable

- TPU material
- More wear-resisting
- Colour customization

pcepower.com

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