



SM Series

SM-07

SM-11

SM-22



TUV certified

Overview

The PCE SM Series is a small yet smart charger. It provides reliability and best safety for home use, and has easy control via our PCEV mobile App.



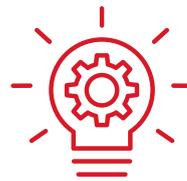
Features



High water protection



Indicator light



Small footprint



Smart charging

REAL SMART

- Easy control through PCEV App by Bluetooth, Wi-Fi and 4G
- Remote reach with every charging process
- Scheduled charging to save on your electricity bills
- Automatic identification
- Charging records in Cloud
- Max charging current adjustable
- Developed based on OCPP 1.6 J-SON
- OTA for new features

HIGHEST SAFETY

- PCV 0 housing with 2.0-3.0 mm thick exudes robustness and protects inside components from external influences.
- The housing is made from materials, specifically 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	SM-07	SM-11	SM-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
Residual current protection	TYPE A (AC 30 MA)		
Design			
Charging Outlet / Socket	Charging cable with type1 or type2 plug / type2 socket		
Housing Material	PCV-0 for outdoor		
Installation Method	Wall-mount / Floor-stand		
Communication Protocol	OCPP 1.6 J-SON		
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	80-101 kPa		
Temperature and humidity cycle	Meet IEC 61851-1: 2017		
Function			
Network Gateway	Bluetooth & Wi-Fi as default		
Mobile APP (IOS and Android supported; functions under Bluetooth)	Scheduled charging Start charging Stop charging Current adjustment (memorable) Plug and play charging switch on APP Charging status shown on APP		
Added APP functions under WIFI / 4G	Charging records shown on mobile APP View and update the PIN code Firmware updating function (OTA) Multiple wallbox control		
General			
Product Size	228.5*228.5*100 mm	228.5*228.5*100 mm	228.5*228.5*100 mm
Product Weight	4.4 kg	5.2 kg	5.4 kg
Optional Configuration			
Residual current protection	TYPE B (AC 30 MA + DC 6 MA) [optional]		
Network Gateway	4G [optional]		
O-PEN detection	[optional]		
RFID	3 RFID cards [optional]		
Load balance	RS485 meter [optional]		

More Products



SM Pro Series

SMP-07 / SMP-11 / SMP-22

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



EV Charging Cable

- TPU material
- More wear-resisting
- Colour customization

