

AC EV Charger

SmartBee-M 7kW

The SmartBee-M 7kW Single-Phase AC EV chargers are suitable for residential and light commercial usage. It is friendly to users with its simple design and operation which makes it easier to install, maintain and control. SmartBee-M is also designed to save power consumption and energy cost, just enjoy the convenient use of SmartBee-M AC chargers.



Technical Specifications

SmartBee-M 7kW

PRODUCT INFORMATION

Charging Mode	Type 3
Input/Output Power Rating and Current	Single Phase up to 7kW/32kW
Input/Output Voltage	230V ±20%, Single Phase; 50Hz / 230V ±20%, Single Phase; 50Hz
Network Type	TT, TN
Connector Type	IEC62196 Type 2 or Type 1 Plug, 5m / IEC62196 Type 2 Socket or Socket with Shutter
Internal RCD	AC 30mA, DC 6mA
Protection	OverCurrent, OverVoltage, UnderVoltage, Integrated Surge Protection
Card Reader (Optional)	ISO 15693, ISO 14443
Power Measurement Accuracy	+/- 1.0% from 1% to Full Scale

GENERAL CHARACTERISTICS

IP and IK Rating	IP55 (IP54 for Socket Version); IK10 (Screen: IK08)
Operating Altitude	2000m
Operating Temperature Range	-20°C~+55°C
Storage Temperature Range	-20°C~+85°C
Mounting	Wall or Floor Using a Pedestal
Dimensions (HxWxD) (mm)	405x220x95

USER INTERFACE

Status Indication	LCD/APP/TFT (Optional, 4 inch LCD, 7 inch TFT 1024x600)
User Interface	Easy Charge APP; Easy Charge Cloud
Connectivity	Bluetooth, Wi-Fi, Ethernet, 4G (Optional), RS485 for Energy Meter Connection
Communication Protocols	OCPP 1.6J
User Authentication	APP, RFID Card

SOFTWARE

Software Update	OTA Updates via Web Portal
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CERTIFICATION AND STANDARDS

Safety and Compliance	IEC61851-1, IEC 62311, IEC 62479, IEC 62955
Certification	CE
Warranty	24 Months, Warranty Extension Possible

Highlights



Monitor and Remote Control

Monitor charging data in real-time and control the charger everywhere



Smart Charging

Support DLM system and APP control to manage your charger for better charging experience



Safe Charging

Integrated safety functions, high level protection rating to ensure safety of device and user



Cost Effectively

Less than 3W standby power, lower electricity consumption



Socket Ver.

The design of socket charging can protect the cable from external impact