Single-phase EV Charger / Three-phase EV Charger

PVS-AEVC Series



Intelligent

- Scheduled charging and off-peak charging modes.
- Dynamically adjustment of power according to the total load*.
- Quick setup and commissioning with PVSTAR Apps.

High relliabilty

- IP65 & IK10, rated to outdoor use.
- CE & TÜV certification.
- Built-in PEN fault detection.
- Numerous protections and 36 months warranty.

User-friendly

- Flexible startup modes: APP / RFID Card / NFC / Plug and Charge.
- Online monitoring via Wi-Fi and PVSTAR Apps.
- Integrated NFC function, unique anthentication via smartphone.
- Lock / unlock the charger via PVSTAR Apps.
- End users can switch the OCPP platform independently.

Models

- PVS-AEVC007H
- PVS-AEVC011H
- PVS-AEVC022H

*Dynamical charging mode need the cooperation with smart meter.

LUDWIG-ERHARD-STREET 30-34, 6 TH FLOOR, 65760,
ESCHBORN, FRANKFURT AM MAIN, GERMANY
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Model	PVS-AEVC007H	PVS-AEVC011H	PVS-AEVC022H
Input/Output			
Rated Power	7.4 kW	11 kW	22 kW
Rated Input Voltage	230 Vac	400 Vac	400 Vac
Input Voltage Range	230 Vac ± 15%	400 Vac ± 15%	400 Vac ± 15%
Max. Output Current	32 A	16 A	32 A
Max. Output Overcurrent Protection	35.2A	17.6A	35.2A
Rated Frequency	50 Hz / 60 Hz		
Standby Power	< 5 W		
Input Cable Specification	3 * 6 mm^2	5 * 6 mm^2	5 * 6 mm^2
Connection Mode*	Type 2 Cable		
Cable Length	5 m (7.5 m optional)		
Grid Architecture	TT / TN		
User Interface			
Start Mode	APP / RFID Card / NFC / Plug & Charge		
Networking Mode	Wi-Fi / Bluetooth (4G optional)		
External Communication Interface	RS485 / LAN		
Firmware Upgrade	Local / OTA		
RFID / NFC Reader	Support		
Communication Protocol	OCPP 1.6 J		
Status Indication	LED Light Strip		
Working Environment			
Protection	IP65		
Operating Temperature	-25℃ to 50℃		
Storage Temperature	-40℃ to 70℃		
Cooling	Natural Cooling		
Relative Humidity	5% - 95% RH		
Working Altitude	≤2000m		
Mechanical			
Impact Protection Class	IK10		
Dimension (W/H/D)	230 mm / 360 mm / 130 mm		
Weight	6 kg		
Installation Mode	Wall		
Safety			
Overvoltage Protection	Support		
Undervoltage Protection	Support		
Overcurrent Protection	Support		
Short Circuit Protection	Support		
Over Temperature Protection	Support		
UV Protection	Support		
Ground Protection	Support		
Surge Protection (EN60664)	Support (Type III)		
Current Leakage Protection	Support (AC 30mA, DC 6mA)		
Certification	CE, TUV / EN / IEC 61851-1		
Warranty	60 months		

- Connection Mode*: Type 2 Socket and Shutter are optional.

PVSTAR