

AC WARD

7KW — 22KW


WALL MOUNTED OR STAND PEDESTAL

PRODUCT DATASHEET / MAY 2026


 **Reliable**

Product Reliability

99%

 **Cloud Enabled**

Monitoring & Assistance

24/7

 **Built To Last**

Service Life

10Yr

KEY FEATURES

- ↳ Single tethered connector charging 7kW to 22kW
- ↳ Supports dynamic load balancing and static load management
- ↳ Seamless integration with OCPP 1.6J / 2.0 / 2.0.1 protocol
- ↳ Integrated PME fault detection
- ↳ Single-phase and three-phase connection
- ↳ App and RFID operated charging
- ↳ 3-year warranty with an optional 2-year extension
- ↳ Fully compliant with Smart Charge Points regulations for electric vehicles


S.A.F.E.

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AC WARD	⌘ 7kW	⌘ 11kW	⌘ 22kW
PRODUCT CODE	TP-EVVA-W32ASS	TP-EVVA-W16ATS	TP-EVVA-W32ATS
⌘ ELECTRICAL INPUT			
Supply System	1P+N+PE, TN/TT	3P+N+PE, TN/TT	3P+N+PE, TN/TT
Supply Voltage	230 V AC (±10%)	400 V AC (±15%)	400 V AC (±15%)
Supply Frequency	50/60 ±1 Hz		
Rated Input Current	32 A	16 A	32 A
⌘ ELECTRICAL OUTPUT			
Output Voltage Range	230 V AC (±10%)	400 V AC (±15%)	400 V AC (±15%)
Maximum Current	32 A	16 A	32 A
Maximum Power	7 kW	11 kW	22 kW
Sutter Type	Type 2		
Number of Connectors / Outputs	1		
Cable Length	5 m, others optional		
⌘ CONNECTIVITY AND COMMUNICATION			
Network Connectivity	Ethernet (RJ45) / Wi-Fi / 4G / BLE V5.0		
Backend Protocol	OCPP 1.6J / 2.0 / 2.0.1		
Local Load Management	Local Load balance (Optional)		
⌘ USER INTERFACE AND ACCESS CONTROL			
LED Status Indication	LED status indication		
RFID	RFID: ISO/IEC 14443 A/B; MIFARE, 13.56 MHz		
Authentication And Payment	App, QR Code, MAC Authentication		
Metering	MID meter, Class 1, CE-marked		
⌘ ENVIRONMENTAL CONDITIONS			
Operating Temperature	-25°C to 50°C		
Storage Temperature	-30°C to 70°C		
Altitude	≤2000 m		
Humidity	5% to 95% non-condensing		
Ingress And Impact Protection	IP55, IK10		
⌘ SAFETY AND PROTECTION			
Integrated Protections	Emergency stop button / RDC-DD, 6 mA DC leakage detection / Overvoltage and undervoltage protection / Overcurrent protection / Output PE continuous continuity checking / Surge protection, 4kV / Contactor welding monitoring / Upstream protective conductor monitoring (Optional) / Temperature monitoring 2 pcs (Optional)		
External Protections Required	RCBO, 1P+N, curve C, 40 A, 30 mA, type A	RCBO, 3P+N, curve C, 20 A, 30 mA, type A	RCBO, 3P+N, curve C, 40 A, 30 mA, type A
Physical Security And Access	Rear fixing screws not accessible after installation		
Special Environmental Protection	UV-stabilised modified polyester		
⌘ MECHANICAL DATA			
Dimensions	421 mm x 283 mm x 178 mm		
Weight	5.5 kg	6 kg	7.5 kg
Mounting	Wall mounted / Stand pedestal		

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☰ COMPLIANCE AND STANDARDS

Regulatory Compliance	IEC/EN 61851-1:2017; IEC 61851-21-2:2018; IEC 62196-1:2014; IEC 62196-2:2016; IEC 62955-2018; IEC 61439-7-2018
Certification	CE Marked (LVD, EMC, RoHS)

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