

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 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 connection
- App and RFID operated charging
- 2-year warranty



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	1P+N+PE, TN/TT	1P+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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