

V2G AC CHARGER

7KW — 11KW

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
- ↳ 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



V2G AC CHARGER

⌘ 7kW

⌘ 11kW

PRODUCT CODE

TP-EVVA-220-1C-V2G

TP-EVVA-380-1C-V2G

⌘ ELECTRICAL INPUT		
Supply System	1P+N+PE, TN/TT	3P+N+PE, TN/TT
Supply Voltage	230 V AC (±10%)	400 V AC (±15%)
Supply Frequency	50/60 ±1 Hz	
Rated Input Current	32 A	16 A
Power Factor	≥0.98 at 50 - 100% output power	
THD	<5% at 50 - 100% full load	
Charging Efficiency	≥94% at nominal output power	
⌘ ELECTRICAL OUTPUT		
Output Voltage Range	230 V AC (±10%)	400 V AC (±15%)
Maximum Current	32 A	16 A
Maximum Power	7 kW	11 kW
Connector Type	Type 2	
Number of Connectors / Outputs	1	
Cable Length	5 m, others optional	
⌘ BIDIRECTIONAL OPERATION		
AC Output Voltage	230 V AC (±10%)	400 V AC (±15%)
AC Output Current	32 A	16 A
Rated Discharge Efficiency	≥94% at nominal output power	
⌘ CONNECTIVITY AND COMMUNICATION		
Network Connectivity	Ethernet (RJ45) / Wi-Fi / 4G	
Backend Protocol	OCPP 1.6J / 2.0 / 2.0.1	
⌘ USER INTERFACE AND ACCESS CONTROL		
Display / HMI	5" LCD Touch Screen	
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, Card payment (optional)	
Metering	MID meter, Class 1, CE-marked	
⌘ ENVIRONMENTAL CONDITIONS		
Operating Temperature	-25°C to 55°C	
Storage Temperature	-30°C to 70°C	
Altitude	≤2000 m	
Humidity	5% to 95% non-condensing	
Ingress And Impact Protection	IP54, IK10 (screen excluded)	
Noise	<70 dB	

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