

AC SQUARE, DUAL

2X22KW

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

- ↳ Dual sockets enable simultaneous charging of two vehicles
- ↳ Supports dynamic load balancing and static load management
- ↳ Seamless integration with OCPP 1.6J / 2.0 / 2.0.1 protocol
- ↳ Integrated PME fault detection
- ↳ 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
- ↳ Approved for OZEV grant eligibility



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2 x 22kW

PRODUCT CODE

TP-EVVA-LVW32ATD / TP-EVVA-380-1F

ELECTRICAL INPUT	
Supply System	2 x 3P+N+PE, TN/TT (one feeder per outlet)
Supply Voltage	400 V AC (±15%)
Supply Frequency	50/60 ±1 Hz
Rated Input Current	32 A (per outlet)
ELECTRICAL OUTPUT	
Output Voltage Range	400 V AC (±10%)
Maximum Current	64 A
Maximum Power	44 kW (2 x 22 kW simultaneous)
Maximum Power per Connector	22 kW
Shutter Type	2 x Type 2
Number of Connectors / Outputs	2
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	2 x 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	IP54, IK10
SAFETY AND PROTECTION	
Integrated Protections	Emergency stop button / 2 x RCBO, 3P+N, curve C, 40 A, 30 mA, type A / 2 x RDC-DD, 6 mA DC leakage detection / 2 x Overvoltage and undervoltage protection / 2 x Overcurrent protection / 2 x Output PE continuous continuity checking / 2 x Surge protection, 4kV / 2 x Contactor welding monitoring / Upstream protective conductor monitoring (Optional) / Temperature monitoring 2 pcs (Optional)
Physical Security And Access	Key-lock access door
Special Environmental Protection	Galvanised steel, powder-coated, salt-spray resistant

Cont'd on page 2

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☰ MECHANICAL DATA

Dimensions	386 x 241 x 525 mm
Weight	21 kg
Mounting	Wall mounted / Stand pedestal

☰ 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)

End of Table