

# V2G DC CHARGER

# 7KW

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
- ↳ Remote software updates and diagnostics
- ↳ Seamless integration with OCPP 1.6J/2.0/2.0.1 protocol
- ↳ Supports multiple payment options — app, RFID, credit card, and smartphone payments
- ↳ Single-phase connection
- ↳ Rapid charging
- ↳ Supports multiple output options: CCS1, CCS2 and CHAdeMO
- ↳ 7" LCD Touch Screen
- ↳ 2-year warranty



V2G DC CHARGER

⌘ 7kW

PRODUCT CODE

TP-EVPD-007KS-V2G

⋮ ELECTRICAL INPUT	
Supply System	1P+N+PE, TN/TT
Supply Voltage	230 V AC (±10%)
Supply Frequency	50/60 ±1 Hz
Rated Input Current	32 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%)
Maximum Current	36 A
Maximum Power	7 kW
Connector Type	Type 2
Number of Connectors / Outputs	1
Cable Length	5 m, others optional
⋮ BIDIRECTIONAL OPERATION	
Discharge Input Voltage Range	300-1000 V DC
AC Output Voltage	230 V AC (±10%)
AC Output Current	31.8 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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☰ SAFETY AND PROTECTION

Integrated Protections	Emergency stop button / RCBO, 1P+N, curve C, 63 A, 30 mA, type A / 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) / Anti-islanding protection - to be confirmed
Physical Security And Access	Key-lock access door
Special Environmental Protection	Galvanised steel, powder-coated, salt-spray resistant

☰ MECHANICAL DATA

Dimensions	750 x 332 x 520 mm
Weight	80 kg
Mounting	Wall Mounted / Stand pedestal
Cable Management	Cable support
Cooling System	Forced-air cooling

☰ COMPLIANCE AND STANDARDS

Charging Protocol Support	ISO 15118; DIN 70121
Discharging Protocol Support	ISO 15118-20
Regulatory Compliance	IEC 61851-1; IEC 61851-23
Certification	CE Marked (LVD, EMC, RoHS)

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