ADVISION V2G DC CHARGER, DUAL

40KW — 120KW

FLOOR MOUNTED

PRODUCT DATASHEET / MAY 2026

Reliable

Product Reliability **99%**

Cloud Enabled

Monitoring & Assistance **24/7**

Built To Last

Service Life **10Yr**

KEY FEATURES

- Dual tethered connectors for simultaneous charging of 2 vehicles
- Remote software updates and diagnostics
- Seamless integration with OCPP 1.6J / 2.0 / 2.0.1 protocol
- Multiple payment options — app, RFID, credit card, and smartphone
- Three-phase connection
- Rapid charging
- Connector option: CCS2
- 10" LCD Touch Screen and 32" LCD Colour Screen
- 3-year warranty with an optional 2-year extension

© 2026 Copyright Tellus Power Group

sales.ap@telluspowergroup.com

ADVISION V2G DC CHARGER, DUAL	⚡ 40kW	⚡ 60kW	⚡ 80kW	⚡ 120kW
PRODUCT CODE	TP-EVPD-040KW-V2G	TP-EVPD-060KW-V2G	TP-EVPD-080KW-V2G	TP-EVPD-120KW-V2G

ELECTRICAL INPUT

Supply System	3P+N+PE, TN/TT			
Supply Voltage	400 V AC (±15%)			
Supply Frequency	50/60 ±1 Hz			
Rated Input Current	65 A	100 A	135 A	200 A
Power Factor	≥0.98 at 50 - 100% output power			
THD	<5% at 50 – 100% full load			
Charging Efficiency	≥96% at nominal output power			

ELECTRICAL OUTPUT

Output Voltage Range	300–1000 V DC			
Maximum Current	146.6 A	200 A	200 A	350 A
Maximum Power	40kW	60 kW	80 kW	120 kW
Maximum Power per Connector	20 kW	30 kW	40 kW	60 kW
Connector Type	CCS2			
Number of Connectors / Outputs	2			
Cable Length	5 m, others optional			

BIDIRECTIONAL OPERATION

Discharge Input Voltage Range	300–1000 V DC			
AC Output Voltage	400 V AC (±15%)			
AC Output Current	90 A	135 A	180 A	244 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	10" LCD Touch Screen and 32" LCD Colour 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	DC energy meter, 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

Cont'd on page 2

© 2026 Copyright Tellus Power Group

ADVISION V2G DC CHARGER, DUAL	40kW	60kW	80kW	120kW
PRODUCT CODE	TP-EVPD-040KW-V2G	TP-EVPD-060KW-V2G	TP-EVPD-080KW-V2G	TP-EVPD-120KW-V2G
SAFETY AND PROTECTION				
Integrated Protections	MCCB 3P+N, 80 A	MCCB 3P+N, 125 A	MCCB 3P+N, 160 A	MCCB 3P, 250 A
	Emergency stop button / RDC-DD, 6 mA DC leakage detection / Surge protection device (SPD), Type 2, fused / Anti-islanding protection / Overvoltage and undervoltage protection / Overcurrent protection / Overfrequency protection / Output short-circuit protection / 2x Insulation monitoring / Temperature monitoring			
Physical Security And Access	Key-lock access door			
Special Environmental Protection	Galvanised steel, powder-coated, salt-spray resistant			
MECHANICAL DATA				
Dimensions	1015 x 638 x 2060 mm			
Weight	295 kg	309 kg	380 kg	| 400 kg
Mounting	Floor mounted			
Cable Management	Lockable retractable 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)			

End of Table

© 2026 Copyright Tellus Power Group