

ADVISION DC CHARGER

600KW

LIQUID-COOLED, 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 connectors allow for 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
- ↳ Supports multiple payment options — app, RFID, credit card, and smartphone payments
- ↳ Three-phase connection
- ↳ 10" LCD Touch Screen and 32" LCD Colour Screen
- ↳ Support for up to 4 connectors
- ↳ Supports multiple output options: CCS2, GBT and CHAdeMO
- ↳ 3-year warranty with an optional 2-year extension
- ↳ Approved for OZEV grant eligibility

ADVISION DC CHARGER, LIQUID-COOLED

⌘ 600KW

PRODUCT CODE

TP-EVPD600KW (Liquid-Cooled)

⌘ ELECTRICAL INPUT

Supply System	3P+N+PE, TN/TT
Supply Voltage	400 V AC (±15%)
Supply Frequency	50/60 ±1 Hz
Rated Input Current	2 x 500 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	150–1000 V DC
Maximum Current	CCS2: 500 A (Liquid-Cooled) GBT: 500 A (Liquid-Cooled) CHAdeMO: 200 A
Maximum Power	600 kW
Maximum Power per Connector	600 kW (4 x 150 kW simultaneous)
Connector Type	CCS2 / GBT / CHAdeMO
Number of Connectors / Outputs	4
Cable Length	5 m, others optional

⌘ 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	2 x DC energy meter, 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 (screen excluded)
Noise	<70 dB

⌘ SAFETY AND PROTECTION

Integrated Protections	Emergency stop button / MCCB 3P, 2 x 630 A / RDC-DD, 6 mA DC leakage detection / Overvoltage and undervoltage protection / Overcurrent protection / Output PE continuous continuity checking / Surge protection device (SPD), Type 2, fused / 2 x Insulation monitoring / Temperature monitoring
Physical Security And Access	Key-lock access door
Special Environmental Protection	Galvanised steel, powder-coated, salt-spray resistant

ADVISION DC CHARGER, LIQUID-COOLED

⌵ 600KW

PRODUCT CODE

TP-EVPD600KW (Liquid-Cooled)

⌵ MECHANICAL DATA	
Dimensions	2320 x 1063 x 2250 mm
Weight	1212 kg
Mounting	Floor mounted
Cable Management	Lockable retractable cable support
Cooling System	Liquid-Cooled
⌵ COMPLIANCE AND STANDARDS	
Charging Protocol Support	ISO 15118; DIN 70121; GB/T 27930; CHAdeMO 0.9 / 1.0
Regulatory Compliance	IEC 61851-1; IEC 61851-23; IEC 61851-21-2
Certification	CE Marked (LVD, EMC, RoHS)

End of Table