

ADVISION DC CHARGER 300KW — 480KW

AIR-COOLED & 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 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
- ↳ Supports multiple payment options — app, RFID, credit card, and smartphone payments
- ↳ Three-phase connection
- ↳ 10" LCD Touch Screen and 32" LCD Colour Screen
- ↳ 600kW Charger has the option of up to 4 connectors
- ↳ Supports multiple output options: CCS2, GBT and CHAdeMO
- ↳ 2-year warranty



ADVISION DC CHARGER, AIR-COOLED

≈ 300kW

≈ 360kW

≈ 480kW

PRODUCT CODE

TP-EVPD300KW

TP-EVPD360KW

TP-EVPD480KW

⋮ ELECTRICAL INPUT

Supply System	3P+N+PE, TN/TT		
Supply Voltage	400 V AC (±15%)		
Supply Frequency	50 ±1 Hz		
Rated Input Current	500 A	600 A	2 x 400 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: 350 A GBT: 350 A CHAdeMO: 200 A	CCS2: 350 A GBT: 350 A CHAdeMO: 200 A	CCS2: 350 A GBT: 350 A CHAdeMO: 200 A
Maximum Power	300 kW	360 kW	480 kW
Maximum Power Per Connector	300 kW	360 kW	480 kW
Conector Type	CCS2 / GBT / CHAdeMO		
Number of Connectors / Outputs	2		
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	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	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	MCCB 3P, 630 A	MCCB 3P, 750 A	MCCB 3P, 2x 500 A
Physical Security And Access	Emergency stop button / 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		
Special Environmental Protection	Galvanised steel, powder-coated, salt-spray resistant		

ADVISION DC CHARGER, AIR-COOLED

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TP-EVPD300KW

TP-EVPD360KW

TP-EVPD480KW

☰ MECHANICAL DATA

Dimensions	1315 x 1044 x 2300 mm		
Weight	703 kg	743 kg	763 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; 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)		

Liquid-cooled specifications - see page 3

ADVISION DC CHARGER, LIQUID-COOLED

≈ 300kW

≈ 360kW

≈ 480kW

PRODUCT CODE

TP-EVPD300KW

TP-EVPD360KW

TP-EVPD480KW

⋮ ELECTRICAL INPUT			
Supply System	3P+N+PE, TN/TT		
Supply Voltage	400 V AC (±15%)		
Supply Frequency	50/60 ±1 Hz		
Rated Input Current	500 A	600 A	2 x 400 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 GBT: 500 A CHAdeMO: 200 A	CCS2: 500 A GBT: 500 A CHAdeMO: 200 A	CCS2: 500 A GBT: 500 A CHAdeMO: 200 A
Maximum Power	300 kW	360 kW	480 kW
Maximum Power Per Connector	300 kW	360 kW	480 kW
Conector Type	CCS2 / GBT / CHAdeMO		
Number of Connectors / Outputs	2		
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	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	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, 630 A 750 A 2x 500 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		

Cont'd on page 2

ADVISION DC CHARGER, LIQUID-COOLED

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480kW

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TP-EVPD480KW

MECHANICAL DATA

Dimensions	1315 x 1044 x 2300 mm		
Weight	723 kg	763 kg	783 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; 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)		

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