

AdVision V2G DC Charger 20kW, Floor-Mounted

 Datasheet

2025



Reliable

Product
Reliability

99%

Cloud Enabled

Monitoring &
Assistance

24/7





Built To Last

Service
Life

10Y

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
- 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

 CHARGING MODE	AC Input	380/400 50Hz / 60Hz
	FLA II Breaker Rating	36A / 63A
	Connector Options	CCS2
	Maximum Power	22kW
	Output Voltage Range	150-1000VDC
	Output Current	0 ~ 73.3A
	Connector Quantity	1
	Efficiency	≥ 94% at nominal output power
	Charging Protocol	ISO 15118, DIN 70121
	Length of Charging Cable	16ft (5m)
 DISCHARGING MODE	DC Input (V)	300-1000VDC
	AC Output (A)	45A Max
	AC Output (V)	300/480V AC
	Efficiency	≥ 94% at nominal output power
	Discharging Protocol	ISO 15118 – 20
 ENVIRONMENT	Operating Temperature	-4°F to 122°F (-20°C ~ 50°C)
	Protective Class	IP54
 OTHER	Access Control	ISO/IEC 14443A/B
	Dimension (W X D X H)	39.96" x 25.14" x 81.11" (1015mm x 638mm x 2060mm)
	Weight	575lbs (281kg)
	Display	7" Touch Screen and 32" LCD Colour Screen
	Communication	Ethernet, Wi-Fi, 4G
	Interface Protocol	OCPP 1.6J/2.0/2.0.1
 ELECTRICAL SAFETY	AC Port Protection	OVP (optional), UVP (optional), OCP, OPP, SPD, OFP, UFP, Anti-Islanding Protection
	DC Port Protection	OCP, OVP, UVP, OTP, SCP, IMD
 REGULATIONS	Compliance	IEC 61851-1, IEC 61851-23, IEC 61851-21-2 EN 50549-1:2019/AC:2019, EN 50549-10:2022
	Certificate	CE