

AdVision V2G/V2X 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 protocol
-  Supports multiple payment options — app, RFID, credit card, and smartphone payments
-  Rapid charging
-  Supports multiple output options: CCS1, CCS2 and CHAdeMO
-  10"LCD Touch Screen and 32"LCD Colour Screen
-  3-year warranty with an optional 2-year extension
-  Approved for OZEV grant eligibility

CHARGING MODE	AC Input		380/400 II 50Hz / 60Hz
	FLA II Breaker Rating		32A / 50A
	Connector Options		CCS1
	Maximum Power		22kW
	Output Voltage		150-1000VDC
	Output Current		0 ~ 67A
	Efficiency		≥ 94% at nominal output power
	Charging Protocol		ISO 15118, DIN 70121
DISCHARGING MODE	Length of Charging Cable		16ft (5m)
	DC Input (V)		300-1000VDC
	AC Output (A)		45A Max
	AC Output (V)		300/480VAC (Grid-Following)
	Efficiency		≥ 94% at nominal output power
	Discharging Protocol		ISO 15118 - 20
	Operating Temperature		-4°F to 131°F (-20°C to 55°C)
	Protective Class		IP54
ENVIRONMENT	Access Control		ISO/IEC 14443A/B
	Dimension (W X D X H)		35.22" x 29.51" x 73.44" (895mm x 750mm x 1865mm)
	Weight		575lbs (281kg)
	Display		7" Touch Screen and 32" LCD Colour Screen
	Communication		Ethernet, Wi-Fi, 4G
	Interface Protocol		OCPP 1.6J
	AC Port Protection		OVP (optional), UVP (optional), OCP, OPP, SPD, OFP, UFP, Anti-Islanding Protection
	DC Port Protection		OCP, OVP, UVP, OTP, SCP, IMD
OTHER	Compliance		IEC 61851-1, IEC 61851-23, IEC 61851-21-2 EN 50549-1:2019/AC:2019, EN 50549-10:2022
	Certificate		CE
ELECTRICAL SAFETY			
REGULATIONS			