TellusPower

Advanced. Reliable.
Ready For The Future.

AdVision V2G DC Charger
80kW, Floor-Mounted

Datasheet

ETL Intertek

✓ **Reliable**

Product
Reliability

99%

✓ **Cloud Enabled**

Monitoring
& Assistance

24/7

✓ **Built To Last**

Service
Life

10Y

Key Features

- ✓ Single or dual 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
- ✓ 7" 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 ‖ 50Hz / 60Hz
	Rated Output Power	80kW Three-phase
	FLA ‖ Breaker Rating	135A / 250A
	Connector Options	CCS2
	Maximum Power	80kW
	Output Voltage	150-1000VDC
	Output Current	0 ~ 200A
	Connector Quantity	1 / 2
	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)	180A Max
	AC Output (V)	300/480VAC
	Efficiency	≥ 94% at nominal output power
	Discharging Protocol	ISO 15118 - 20
ENVIRONMENT	Operating Temperature	-4°F to 131°F (-20°C to 55°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	860lbs (380kg)
	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