

V2G DC Charger 20kW, Wall-Mounted

 Datasheet

2025



Reliable

Product
Reliability

99%

Cloud Enabled

Monitoring &
Assistance

24/7







Built To Last

Service
Life

10Y

Key Features

- Single tethered connector charging 20kW
- Supports dynamic load balancing and static load management
- Seamless integration with OCPP 1.6J / 2.0 / 2.0.1 protocol
- Three-phase connection
- App and RFID operated charging
- 3-year warranty with an optional 2-year extension

 CHARGING MODE	AC Input	380/400VAC
	FLA / Breaker Rating	36A / 63A
	Connector Options	CCS2
	Maximum Power	22kW Three-Phase
	Output Voltage Range	150 ~ 1000VDC
	Output Current	0 ~ 73.3A
	Efficiency	>94% at nominal output power
	Charging Protocol	ISO 15118, DIN 70121
	Length of Charging Cable	16 ft (5m)
 DISCHARGING MODE	DC Input (V)	300 ~ 1000VDC
	AC Output (A)	45A Max
	AC Output (V)	380/400VAC
	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 II IEC 14443A/B
	Dimension (W X D X H)	27.17" x 13.41" x 27.56" (690mm x 340.6mm x 700mm)
	Weight	172 lbs (78 kg)
	Display	7" Touch 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
 REGULATION	Compliance	IEC 61851-1, IEC 61851-23, IEC61851-21-2 EN 50549-1:2019/AC:2019, EN 50549-10:2022
	Certificate	CE