



VOOL EV CHARGER SPECIFICATIONS

FEATURES

User identification	RFID, VOOL APP
Dynamic load management (DLM)	DLM ¹ and Dynamic Phase Management (DPM) ¹
DLM response time	Below 50ms ¹
Compatible EVSE protocols	OCPP 1.6, OCPP 2.0 ²
Energy metering	Integrated
Firmware update	OTA, USB, CAN

EXTERNAL INTERFACES

Internet connectivity	4G, Wi-Fi (IEEE 802.11 b/g/n), Ethernet 10/100
External energy meter	Modbus RTU(RS485)
Local device network	CAN

SAFETY

Residual current detection	Integrated type A and type B RCD
Compliance	LVD
Electrical protection	Protection CLASS I, overvoltage category III
Extra safety features	Relay contact diagnostics, self-test, thermal throttling

GENERAL SPECIFICATIONS

Dimensions (H x W x D)	335 x 198 x 112 mm
Weight	5.5 kg
Operating temperature	-30...+50 C ³
Enclosure environmental rating	Outdoor / IP55
Impact resistance	IK10
Standards	EMCD 2014/30/EU, IEC 61851-1:2017, IEC 61851-21-2:2018, IEC 62955:2018
Standard warranty	5 years
Network standards	TN, IT
Network voltage	230 VAC / 400 VAC (±10%)
Charging options	1 phase, 2 phase ⁴ , 3 phase
Rated power	22kW (32A)
EV connection	Type 2 tethered cable (6.5m)

¹ Connection with VOOL LMC is required.

² Chargers installed with LMC.

³ Forced ventilation available for hot environmental conditions.

⁴ 2-Phase charging only available with compatible EV models; 3-phase grid connection required.