CHARGER SPECIFICATIONS

VOOL

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, RoHS
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 °C to +40 °C (+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 (11kW / 16A)[5]
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.

[5] Charger is configured to 16kW by default from factory and can be reconfigured