

VOLT.e



TW Series Portable

DC FAST CHARGER

The Portable Volt.e series is an economic solution for fast charging with CHAdeMO and CCS compliance.

PRIME FLEXIBILITY

Projected with easy mobility design, this mobile charger is available for test and fleet operations independent of their location.

MAIN FEATURES

DC power up to 60 KW
Adjustable DC power
4.3-inch user-friendly touchscreen
0% to 80% in less than 30 minutes
CHAdEMO and CCS Combo 2
high efficiency: 93.5%
High power factor: 0.99

APPLICATION

Small and medium-sized enterprises
Taxi/Uber fleet operators
Vehicle manufacturers
Automotive workshops
Inspection centers



PRODUCT DESCRIPTION

The VOLT.E portable fast charger is an economic and time efficient solution for fast charging all DC electric vehicles (EVs) with CHAdEMO and CCS Combo 2.

With a compact and portable design, unlike an EV Charging Station, can be easily and less costly installed and transported for utilization in different situations with minimal effort.

Depending on the model of EV the charger can charge up to 80% in less than 30 minutes.

The latest technology of charging power module adopted in this charger makes it possible to configure the output power from 3.7 KW to 60 KW in accordance with the power supply available.

The illustrative and intuitive interface indicates all necessary information related to the charging status, namely the running time, the Kwh consumed and the present battery power level.



CHAdeMO Rapid DC Connector



CCS Rapid DC Connector

AC NOMINAL INPUT

Phases / lines	3-phase L1, L2, L3+N+PE
Voltage	380Vac +/- 15%
Frequency	50Hz/60Hz
Nominal Input current	45a 63a 83a
Efficiency	93.5%
Power factor	0.99

DC OUTPUT

Voltage	50 Vdc to 500 Vdc
Current	Up to 45A Up to 63A Up to 83A
Nominal power	30KW 45KW 60KW

GENERAL SPECIFICATIONS

Charging mode	IEC 61851-1 (Mode 4)
Communication with EV	CAN, PLC
DC plugs	CHAdeMO / CCS combo-2
Human machine interface	By default
Display	Color touch screen (4.3 inch)
Button	Emergency stop button
Cooling system	Fan cooling
Place of installation	Indoor
Altitude	Up to 1000m

ENVIRONMENTAL CONDITIONS

Storage temperature	-45°C to +45°C
Operating temperature	-45°C to +45°C
Humidity	5% to 95%

MECHANICAL DATA

Protection degree	IP22		
Measures (W x D x H)	45A 30kva 250*500*450	63A 45kva 250*500*450	83A 60 Kva 250x500x600
Weight	40kg	40 kg	50kg