

VOLTGO →



go charge, go on.

WHO WE ARE?

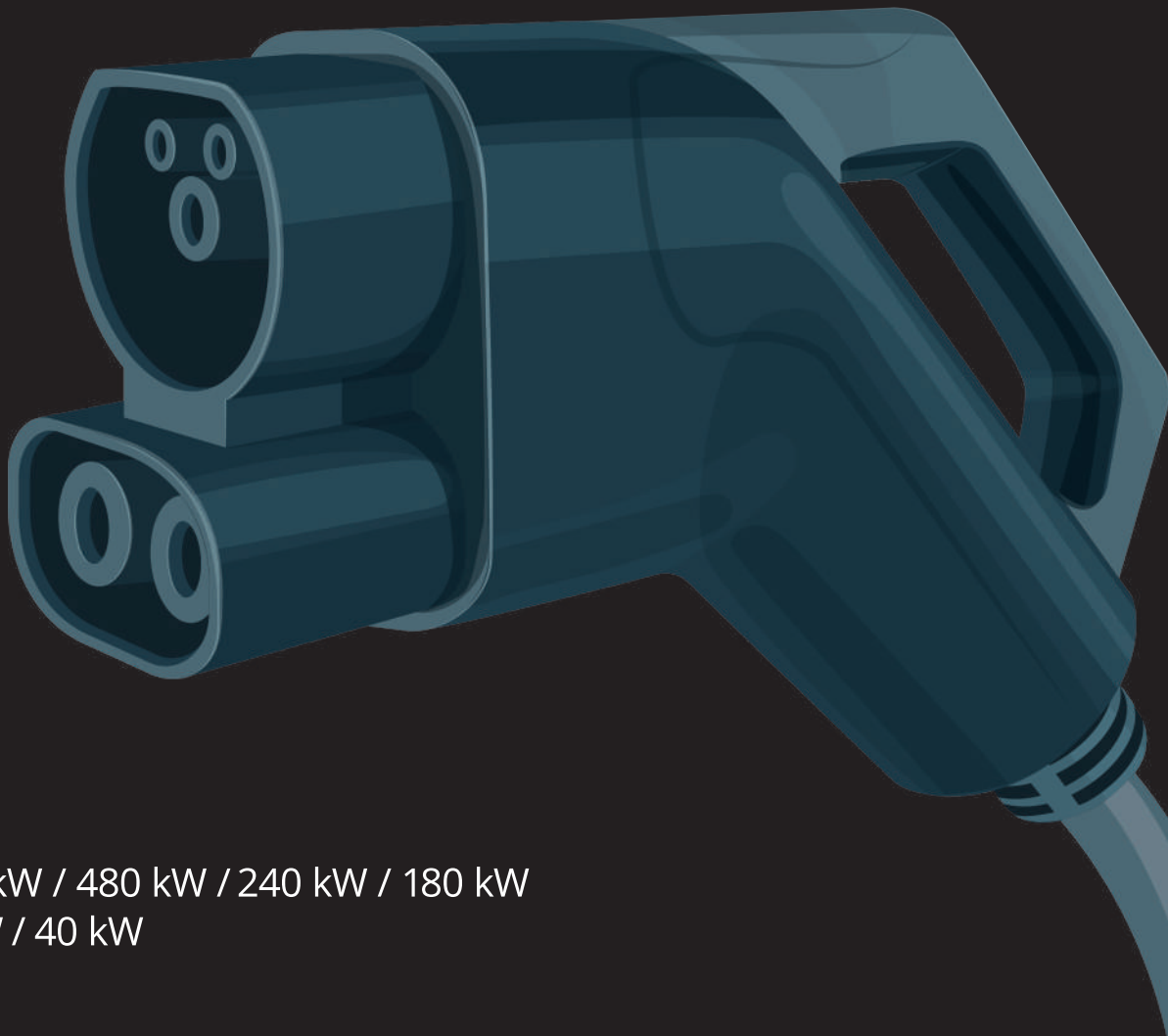
Voltgo, with its business partner Beta Enerji, offers one stop solution for every stage from the distribution system to the vehicle inlet (transformers, MV switching cells, concrete kiosks, DC fast charging units, AC chargers)

It operates in a market ranging from passenger cars to commercial vehicles with modular chargers of different power levels supported by renewable energy and energy storage systems.



VOLTGO

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1440 kW / 960 kW / 480 kW / 240 kW / 180 kW
120 kW / 60 kW / 40 kW



Power: 40 kW

DC wallbox technology will be in the charging infrastructure, enabling faster and smarter charging. DC wallbox technology allows fast, smart and economical charging.

GENERAL

Connections	3P+N+PE
Line-to-line RMS Voltage	400 V AC +/- 20 %, 50 Hz +/- 10 %
Output DC voltage range	150 - 1000V DC
Charging standard	IEC61851-1/23/24
Communication standard	DIN70121 / ISO15118-1/2/3 edt
Compliance and safety	CE/EN 55011
DC charging connection	CCS Type-2 (IEC 62196)
Power factor above 50 % rated	> 0.98
Peak efficiency	95%
Dielectric withstand	3000 V
Backend	OCPP 1.6J
Temperature range	-25 to 50 °C
IP Protection	IP54
Operating environment	ISO 12944: C4 H

Model Name	Go40
Output Power	40 kW
Max. Output Power	125 A
Number of Plugs	1xCCS2
Input Power Rating	43 kVA
Max. AC Input Current	70 A

DC FAST CHARGERS



Power Range: 60-180 kW

VP series DC fast chargers are efficient and rapid charging solutions for all type electric vehicles. The power ratings are starting from 60 kW and reaching 180 kW in 30 kW steps. Their modular structure allows field upgrades.

GENERAL

Connections	3P+N+PE
Line-to-line RMS Voltage	400 V AC +/- 20 %, 50 Hz +/- 10 %
Output DC voltage range	150 - 1000V DC
Charging standard	IEC61851-1/23/24
Communication standard	DIN70121 / ISO15118-1/2/3 edt
Compliance and safety	CE/EN 55011
DC charging connection	CCS Type-2 (IEC 62196)
Power factor above 50 % rated	> 0.98
Peak efficiency	95%
Dielectric withstand	3000 V
Backend	OCPP 1.6J
Temperature range	-20 to 50 °C
IP Protection	IP54
Operating environment	ISO 12944: C4 H
Screen Size	15 " touch
Communication	4G / Ethernet / Wifi

DC FAST CHARGERS



Power Range: 60-180 kW

MODEL	VP601	VP1201	VP1202	VP1801	VP1802
Output Power	60 kW	120 kW	120 kW (60+60)	180 kW	180 kW (90+90)
Max. Output Current	150 A	250 A	250 A, (@120 kW) 150 A, (@60 kW)	300 A	300 A, (@180 kW) 225 A, (@90 kW)
Number of Plugs	1xCCS2	1xCCS2	2xCCS2	1xCCS2	2xCCS2
Input Power Rating	65 kVA	128 kVA	128 kVA	193 kVA	193 kVA
Max. AC Input	120 A	240 A	240 A	360 A	360 A
Weight	207 kg	237 kg	250 kg	267 kg	280 kg

DC FAST CHARGERS



Power Range: 240-400kW

VP series High Power DC fast charging stations offer an efficient and fast charging solution for all types of electric vehicles.

*Rated power starts from 240 kW and reaches up to 400 kW.
With its modular structure, it can be upgraded in the field.*

GENERAL

Connections	3P+N+PE
Line-to-line RMS Voltage	400V AC +/- 20% 50 Hz +/- 20 %
Output DC voltage range	150 - 1000V DC
Charging standard	IEC61851-1/23/24
Communication standard	DIN70121 / ISO15118-1/2/3 edt
Compliance and safety	CE/EN 55011
DC charging connection	CCS Type-2 (IEC 62196)
Power factor above 50 % rated	> 0.98
Peak efficiency	96%
Backend	OCPP 1.6J
Temperature range	-25 to 50 °C
IP Protection	IP54
Operating environment	ISO 12944
Screen Size	15" touch,
Communication	4G / Ethernet / Wifi

DC FAST CHARGERS



Power Range: 240-400kW

MODEL	VP2401	VP2402	VP3201	VP3202	VP4001	VP4002
Output Power	240 kW	240 kW	320 kW	320 kW	400 kW	400 kW
Max. Output Current	300 A	2 x 300 A	400 A	2 x 400 A	500 A	2 x 500 A
Number of Plugs	1xCCS2	2xCCS2	1xCCS2	2xCCS2	1xCCS2	2xCCS2
Input Power Rating	250 kVA	250 kVA	330 kVA	330 kVA	410 kVA	410 kVA
Max. Input AC	420 A	420 A	560 A	560 A	700 A	700 A
Weight	280kg	300kg	320kg	340kg	360kg	380kg

SPLIT-TYPE DC FAST CHARGERS



Power Range: 480-1440 kW

Adopting modular design concept and forefront power electronic technology consists of power stack, control units and charge posts.

GENERAL

Connections	3P+N+PE
Line-to-line RMS Voltage	400 V AC +/- 20 %, 50 Hz +/- 10 %
Output DC voltage range	150 - 1000V DC
Charging standard	IEC61851-1/23/24
Communication standard	DIN70121 / ISO15118-1/2/3 ed1
Compliance and safety	CE/EN 55011
DC charging connection	CCS Type-2 (IEC 62196)
Power factor above 50 % rated	> 0.98
Peak efficiency	95%
Dielectric withstand	3000 V
Backend	OCPP 1.6J
Temperature range	-25 to 50 °C
IP Protection	IP54
Operating environment	ISO 12944: C4 H

MODEL NAME	VPSAT480	VPSAT 960	VPSAT 1440
Output Power	480 kW	960 kW	1440 kW
Number of Charge Posts	3	6	9
Number of Plugs	2xCCS2	2xCCS2	2xCCS2
Max. Output Current	300 A / Plug	300 A / Plug	300 A / Plug
Input Power Rating	520 kVA	1040 kVA	1600 kVA
Max. AC Input Current	960 A	1920 A	2880 A

MOBILE CHARGERS



Power Range: 30-60 kW

Mobile DC charger is designed for semi-mobile use. The charger is flexible in use thanks to its compact dimensions and is especially suitable for use with vehicle pools, in workshops or at motoring events.

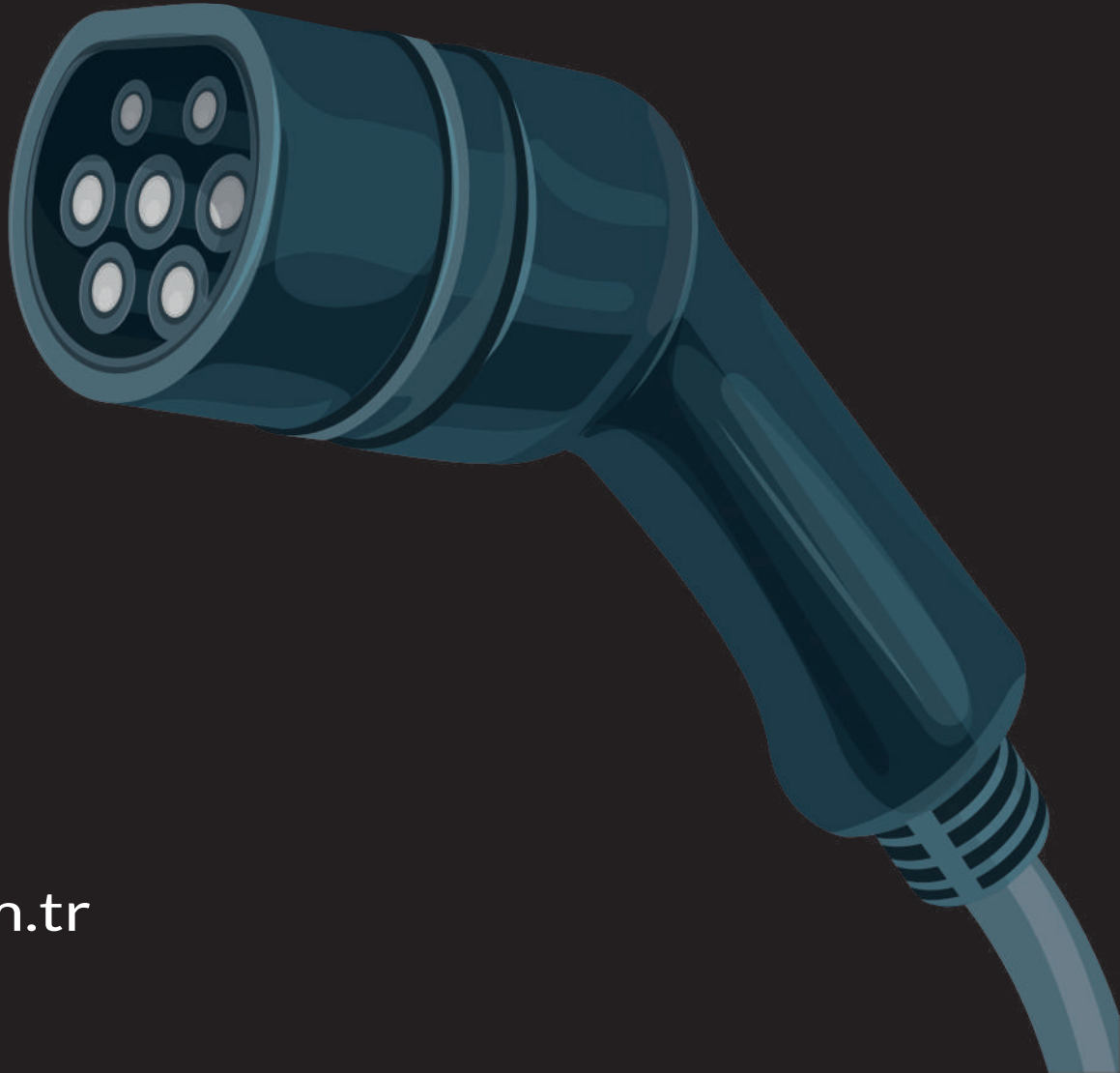
GENERAL

Connections	3P+N+PE
Line-to-line RMS Voltage	400 V AC +/- 20 %, 50 Hz +/- 10 %
Output DC voltage range	150 - 1000V DC
Charging standard	IEC61851-1/23/24
Communication standard	DIN70121 / ISO15118-1/2/3 edt
Compliance and safety	CE/EN 55011
DC charging connection	CCS Type-2 (IEC 62196)
Power factor above 50 % rated	> 0.98
Peak efficiency	95%
Dielectric withstand	3000 V
Backend	OCPP 1.6J
Temperature range	-25 to 50 °C
IP Protection	IP54
Operating environment	ISO 12944: C4 H

MODEL NAME	VPMOBILE30	VPMOBILE40	VPMOBILE60
Output Power	30 kW	40 kW	60 kW
Max. Output Current	100 A	120 A	150 A
Number of Plugs	1xCCS2	1xCCS2	1xCCS2
Input Power Rating	33 kVA	45 kVA	65 kVA
Max. AC Input Current	60 A	80 A	120 A
Input Impulsive Current	72.5 A	96 A	150 A
Weight	75 kg	85 kg	90 kg
Operational noise level	<55 dB	<55 dB	<55 dB

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AC CHARGERS



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Commercial AC Charger E Series

Electrical Specifications

Rated Power	7kW (1-ph) / 22kW (3-ph)
Rated Supply Voltage	230V AC 1-Phase or 400V AC 3-Phase (+/- 15%)
Voltage ranges	220-240 VAC, 380-450VAC
Supply Frequency	50Hz/60Hz
Rated Current	32A
Startup Mode	RFID Card
Communication Interface	WiFi R S 485, CAN
Charging type	Tethered model
Cable type	Socketed, Tethered Type 2 Cable
Cable length	Tethered Type 2 with 5M(16ft) Cable

Safety and certification

Ground fault detection	Type B RCD leakage protector(30mA AC+6mA DC)
Operating temperature	-25°C to +50°C
Operating humidity	Max. 95% non-condensing
Protection Degree	IP54, IK08
CE certified	Yes
Compliance	IEC 61851-1:2019 ,CE Low voltage EU/2014/35, IEC 62196-2 Red EU/2014/53

Connectivity & Installation

Authorization	RFID card-controller with RFID reader type Mifare
Status indication / HMI	Green/blue/red color for different status
WLAN communication	Wi-Fi 2.4GHz (IEEE802.11b/g/n)
Charging protocol	OCPP1.6J
Maximum installation height	+2000 m (6560 ft) above sea level

Mechanical Specifications

Housing	PC+ASA Antiflaming UL94 V-0
Weight	Three Phase Tethered: 9.3kg

Mounting	Wall-mounted or pedestal
Enclosure Dimensions	350mm x 150mm x 650mm

- ✓ Selectable charging capacity from 6A to 32A.
- ✓ MID-certified kWh meter and type B leakage protector.
- ✓ OCPP 1.6 J communication protocol supports WS/WSS
- ✓ Overall operation status monitoring, control and protection, ensuring the charging safety.
- ✓ Charging data management, ensuring the integrity and security of users charging data during the charging process.
- ✓ More energy efficient: < 15w standby power.
- ✓ RFID cards supported.
- ✓ Wireless firmware update.
- ✓ Hierarchical and front maintenance prevent mistouching



AC Wallbox H Series

Rated Power	7.4kW, 11kW, 22kW
Type of connection	1P+N+PE, 3P+N+PE, 6 - 10mm ²
Nominal Supply	230V AC±15% ,400V AC±15%
AC input frequency	50Hz/60Hz
Adjustable current	6A-32A Variable(Via APP)
Over Current Protection	40A Supply (external MCB)
RCD protection	Built-in Type B RCD DC 6mA/AC 30 mA (Industrial-grade protection)
Earthing arrangement	Built-in O-PEN Protection
Standby Power Consumption	<8W
Integrated protections	Over and under voltage, power overload, short circuit, dispersion currents, missing ground connection, surge, over temperature
Connectivity	Bluetooth/WiFi/Ethernet/4G/RS485
Solar Compatibility	Control charging with the Smart APP
Load Balancing	Built-in RFID reader, OCPP 1.6 J
Installation network	ECO ,ECO+ , and Fast charging modes
Housing material/Enclosure	Up to 32 units can be connected
Mounting	TN, IT and TT
Socket	PC+ASA(UL94 V-0 Fire Rated-the Highest Flame Classification)
Protection (Enclosure)	Wall-mounting, pedestal mounting
Operating temperature	IEC 62196 Type 2, IP55 hinged lid, electrical lock(Compliance requested)
Humidity	IP65 (Tethered), IK10
Installation	-25°C -50°C
Dimensions (HxWxD)	5%~98% non-condensing
Weight	Indoor / Outdoor
Certification	

- ✓ Type B DC 6mA + 30mA AC leakage protector
- ✓ Various startup modes, RFID card, APP, plug in and charge.
- ✓ Load balancing management and solar matching function.
- ✓ Saving on electricity bills by scheduling off-peak charging.
- ✓ Built in O-PEN protection ensures a quick installation with no extra for an earth rod.
- ✓ The Hierarchical maintenance design makes the maintenance replacement much easier.
- ✓ Compliant with OCPP 1.6 JSON and compatible with most of the charging network platforms in the European and UK market.
- ✓ Over current, over voltage and short circuit protection, etc. making charging much safer.







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