

VENCHARGE 30 DC Charger



VENCHARGE 30 DC Charger was specially designed for simple wall mounting or for column installation for CCS standard fast charging. It is small, lightweight and easy to install. The **VENCHARGE 30 DC Charger** has a user friendly Interface, IP54 protection, sturdy and durable for outdoor application. Compatible with 500 V and 1000 V charging voltage with 30 kW constant power from 300 V to 1000 V. Optional 32A AC charging socket configure support.

- ▼ Supports CCS
- ▼ Degree of protection IP55
- ▼ Supports OCCP 1.6 J
- ▼ Wall mounting, optional column
- ▼ Compatible with 500 V and 1000 V charging voltage with 30 kW constant power from 300 V to 1000 V
- ▼ Safety function through output contactor, fuse, SPD, insulation detector protection
- ▼ RCD-A main input protection, insulation protection
- ▼ User-friendly interface through 7" TFT tempered glass LCD touch screen
- ▼ Various charging modes: auto basis, time basis, amount basis, energy basis, SOC basis
- ▼ Internal high DC energy meter
- ▼ LAN, RFID authorization



TECHNICAL DATA

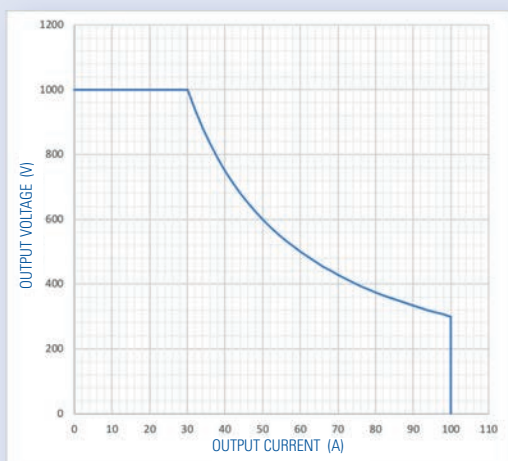
INPUT PARAMETERS

The VENCHARGE platform is specifically designed for direct connection to the VENCON system

OUTPUT PARAMETERS

DC voltage accuracy	< ± 0,5 %
Output DC voltage range	150 V – 1000 V
Max. DC output current	100 A
Max. DC output power	30 kW
Max. system efficiency	> 95,0 % (Rated input and output)

OUTPUT VOLTAGE VS OUTPUT CURRENT



MECHANICAL DATA

Dimensions (W x H x D)	610 x 610 x 270 mm
Weight	70 kg

CHARGING PROTECTION

- Overcurrent protection, short circuit protection, overvoltage protection, undervoltage protection
- Insulation monitoring, protective conductor connection monitoring
- Reverse polarity protection, overtemperature protection
- RCD-B when configuring an AC charging socket

CONFIGURATION OPTIONS

Charger module configuration	1 power module á 1000 V/30 kW
Charging connector configuration	1 CCS
Charging connector capacity	125 A/1000 V for CCS

FUNCTION AND INTERFACE

HMI	7" TFT tempered glass LCD touch screen, RFID, Power(G)/Alarm(R)/charging LED-Panel
Metering	DC energy meter
Monitor interface	Ocpp 1.6 J, support of LAN 10M/100M
Charging mode	auto, time, amount, energy, SOC

ENVIRONMENTAL CONDITIONS

Ambient temperature	- 20 to + 70 °C, full power output to + 50 °C, above 50 °C power derating ca. 5 %/°C
Storage temperature	- 40 to + 75 °C
Working humidity	0 – 95 %
Working altitude	< 2000 m

STANDARDS

CCS PLC Communication	gem. DIN SPEC 70121 and DIN EN ISO 15118
EMV/Safety	CE compliant, EN61000-6-3/EN61000-6-1 Klasse B; EN 61851-1-2001/EN 61851- 21-2001/EN 61851-22-2001
Protection class	IP 55 / K10