CHARGE-V
HAPPY CHARGING

HIGH POWER CHARGER

CHARGE-V offers an intelligent charging system that guarantees sustainable business models by cross-linking electromobility and the energy industry.

All-In-One System COMPACT 80

CHARGING AS A BUSINESS MODEL

SIMPLE PAYMENT

Customer-friendly billing options

Authentication and contactless payment via RFID, NFC (EC & credit card) and app.

POWER CHARGING

Low installation costs

The ready-to-connect pre-installation and the base for mounting enable efficient and practical commissionin.

BUSINESS INSIGHT

GHG*-quotas and eco-power

With our GHG-quota expertise, we can advise you on profitable commercialisation. (GHG*: Greenhouse gas)

FACING THE FUTURE

Optimized grid connection costs

Pay only as much grid fee and BKZ as necessary. The charging power can be adapted to the charging situation.

STORAGE AND SOLAR

Optimum performance

All charging stations can be combined with a grid-connected storage system and a PV system.
Energy trading is managed by a SEtrade Autotrader.

BUSINESS PLANNING

Planning software

CHARGE-V offers free software to create bankable business plans, from simple charge points to complex combined power plants.

CHARGING SYSTEMS

PRODUCT PORTFOLIO

COMPACT 80

ALL-IN-ONE SYSTEM
2 x 40kW DC
Automatic power switching
to 1 x 80kw

SMART 500

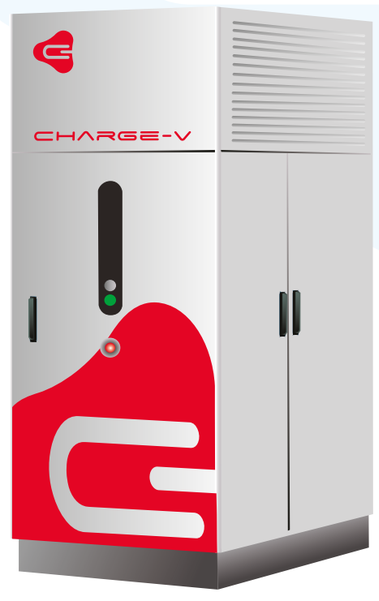
CHARGING STATION
2 x 500kW DC

SMART 160

CHARGING STATION
160kW DC & 22kW AC

MASTER 480

POWER UNIT
FOR 3 DC-CHARGING POINTS



MASTER 720

POWER UNIT
FOR 12 DC-CHARGING POINTS

FRONT TERMINALS

POWER UNITS

CHARGE-V
HAPPY CHARGING

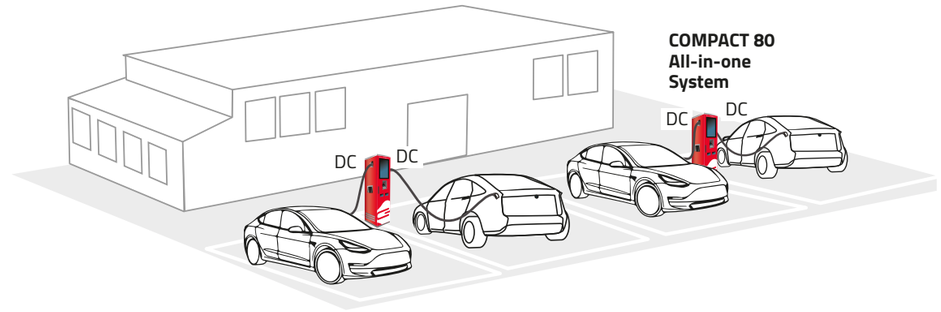
ALL-IN-ONE SYSTEM

COMPACT 80

The COMPACT 80 can be used flexibly in urban traffic thanks to its compact size. It has two 40kW DC charging points and integrated power electronics. By charging with a single vehicle the full DC charging power of 80 kW can be utilised through an automatically power switch.

FLEXIBLE SYSTEM EXPANSION

The COMPACT 80 stand-alone charging station is equipped with two DC connections: this allows two electric vehicles to charge simultaneously at 40 kW each. If only one vehicle is being charged, the full DC charging power of 80 kW can be utilised.



- 2 x 40KW OR 1 x 80KW
- VARIABLE SYSTEM SETUP
- USER-FRIENDLY TOUCH SCREEN
- 2 INTEGRATED CHARGING POINTS
- AMBIENT LIGHTING
- SMALL CO_2 FOOTPRINT
- BARRIER-FREE PAYMENT OPTIONS

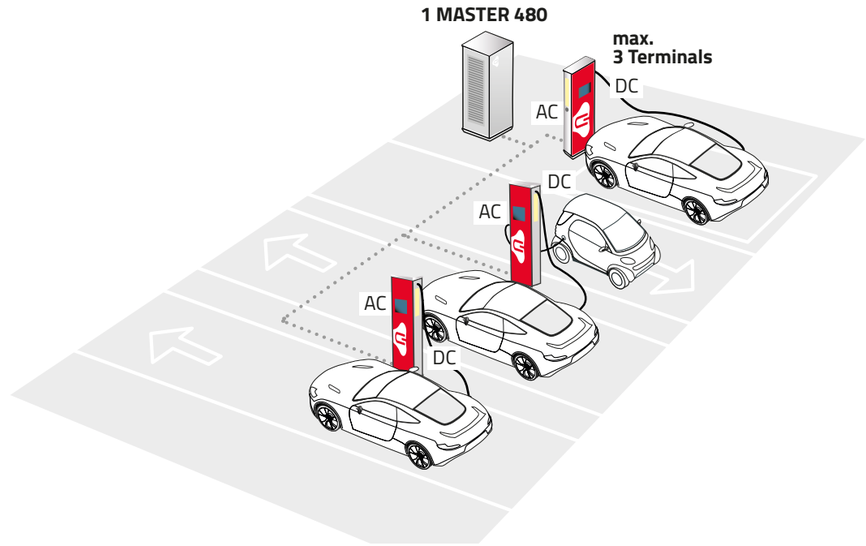
CHARGING STATION

SMART 160

The 160kW powerful SMART 160 of the CHARGE-V has an innovative cable management system. The DC charging cable can be pulled out to a total length of 6.5 metres. This allows the customer an easy handling during the charging process.

FLEXIBLE USABILITY

The DC cable pull-out and the compact size allow flexible positioning of the stations: for example, at the front of the car slot or between the parking spaces. This allows customers to charge conveniently and efficiently without time-consuming manoeuvring.



- SCALABLE SATELLITE CONFIGURATION
- LOW NOISE EMISSION
- VARIABLE SYSTEM SETUP
- USER-FRIENDLY TOUCH SCREEN
- INNOVATIVE CABLE PULL-OUT SYSTEM
- AMBIENT LIGHTING
- SMALL CO_2 FOOTPRINT
- BARRIER-FREE PAYMENT OPTIONS

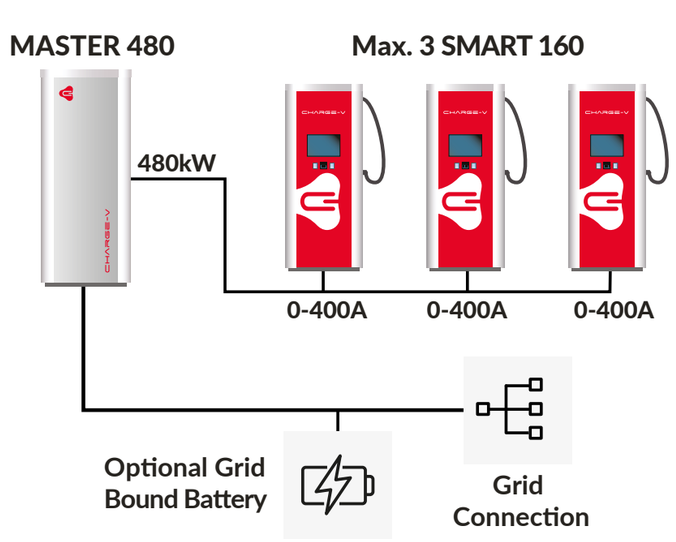
SYSTEM STRUCTURE

CHARGING SYSTEM 3 x 400A

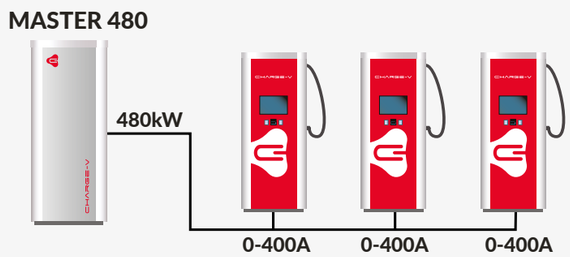
Depending on the grid connection and power requirements, the system design enables a simultaneous power supply of 160kW per charging station:

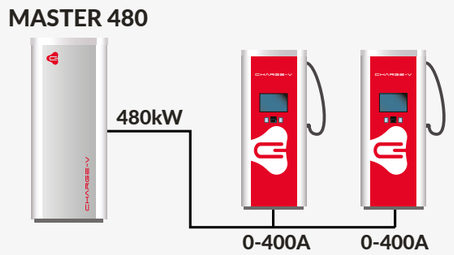
- Demand-orientated charging power adjustment
- Max. 6 charging points per total system and max. 480kW per MASTER 480
- Max. 3 DC charging points with 160kW per charging station
- (3 x 160kW DC and 3 x 22kW AC)

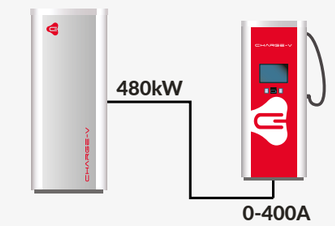
BASIC CONFIGURATION



Example:
Charging system MASTER 480 & SMART 160







SCALABLE

DYNAMIC POWER MANAGEMENT

COST-EFFICIENT

FLEXIBLE

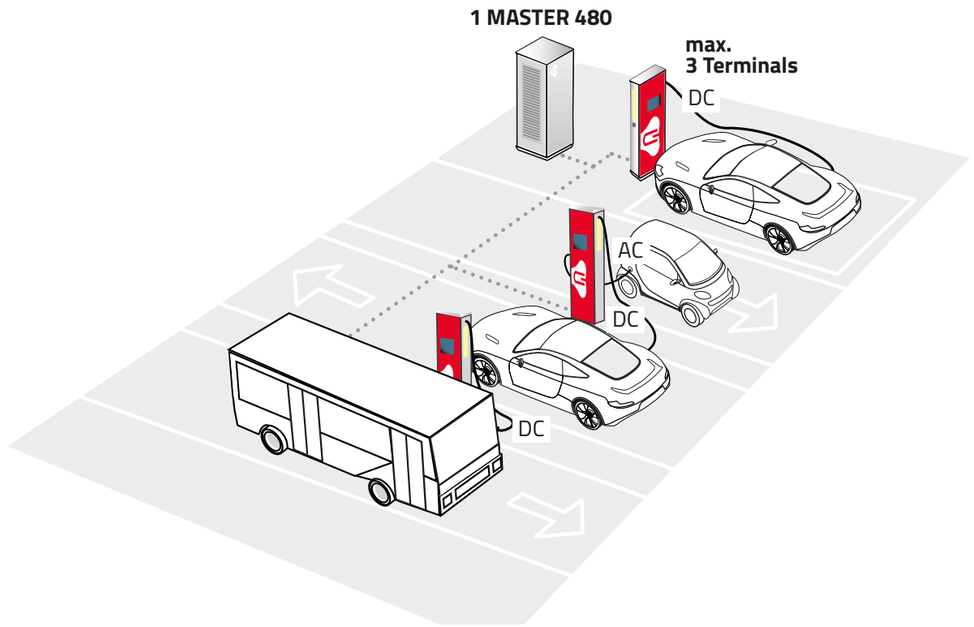
POWER UNIT

MASTER 480

The MASTER 480 of the CHARGE-V is a modular power unit with an output of up to 480 kW. This allows the simultaneous supply of three charging stations with 160kW at a low noise level.

MAXIMUM USAGE

The charging power of the MASTER 480 can be adapted to the charging situation as required. Due to the input power of max. 546kVA a charging capacity of 3 x 22kW (AC-charging) and 3 x 160kW (DC-charging) can be achieved.



Power supply for three charging stations simultaneously

Max. charging power 160kW per DC charging point

Demand-orientated performance adjustment

Dynamic power management

CE Declaration of Conformity
DIN 61851-1,
DIN 61851-21-2,
DIN 61851-23

CHARGE-V
HAPPY CHARGING

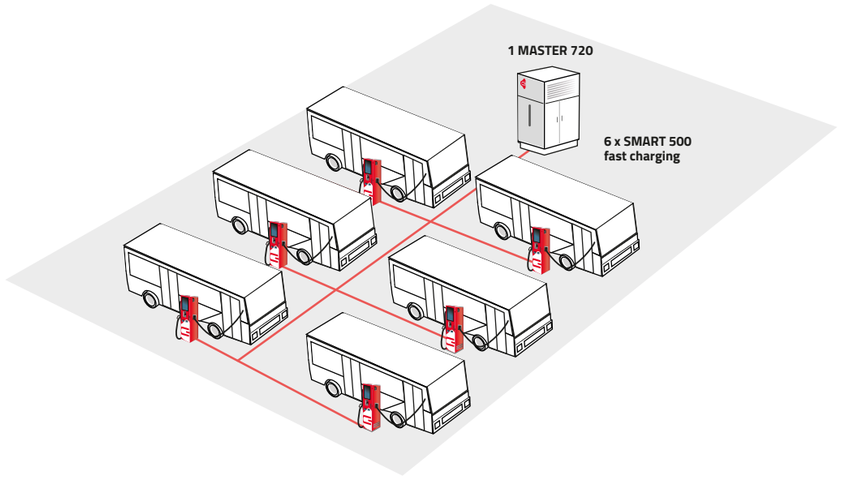
CHARGING STATION

SMART 500

The CHARGE-V's 2 x 500kW SMART 500 can be used in a flexible manner in various applications and offers the charging station customer a high level of user-friendliness thanks to the large touchscreen and the already integrated pin pad.

FAST CHARGING GUARANTEED

Due to various combination options, different applications can be covered with the charging system. In combination with the MASTER 720, up to 12 electric vehicles can be supplied with power at the same time.



DYNAMIC POWER MANAGEMENT

LOW NOISE EMISSION

VARIABLE SYSTEM SETUP

USER FRIENDLY TOUCH SCREEN

2 INTEGRATED FAST CHARGING POINTS

AMBIENT LIGHTING

SMALL CO_2 FOOTPRINT

BARRIER-FREE PAYMENT OPTIONS

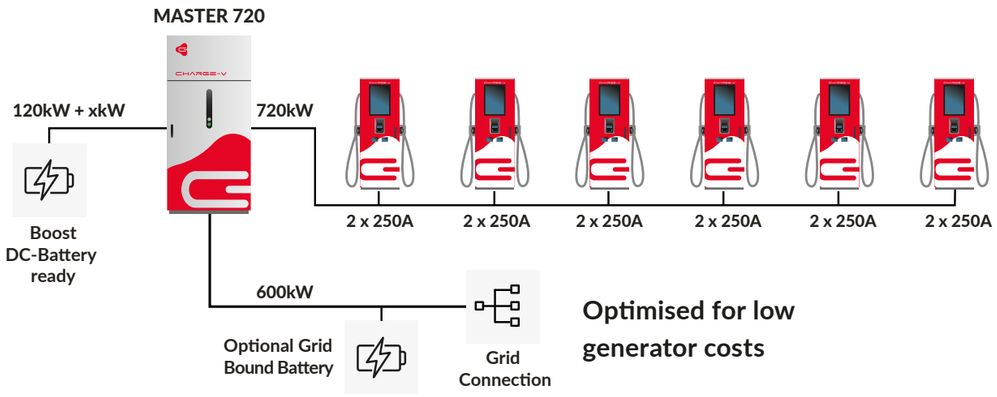
SYSTEM STRUCTURE

CHARGING SYSTEM 12 x 250A/6 x 500A

Depending on the grid connection and power requirements, the system design enables a simultaneous power supply of up to 500A per charging point:

- Demand-orientated charging power adjustment
- Max. 500kW per DC charging point
- Various configuration options (250A / 500A per DC charging point)

BASIC CONFIGURATION



SCALABLE

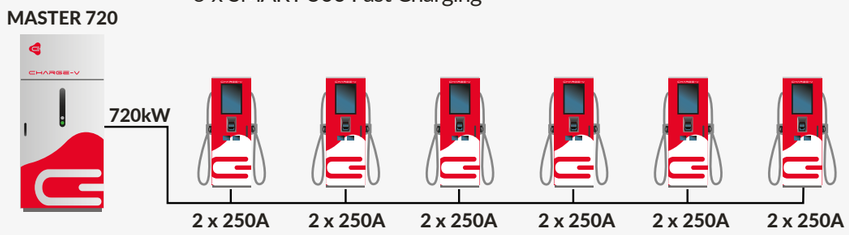
RESOURCE-SAVING

COST-EFFICIENT

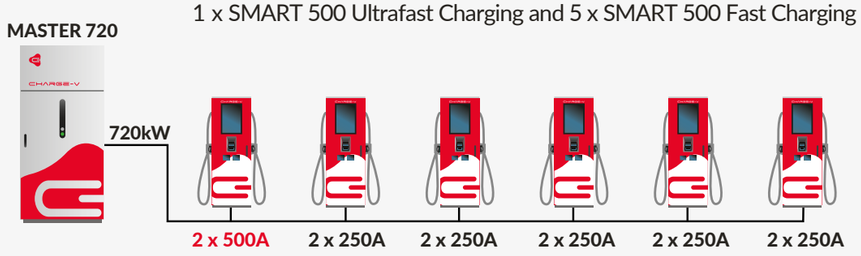
FLEXIBLE

Example:
Charging system MASTER 720 & SMART 500

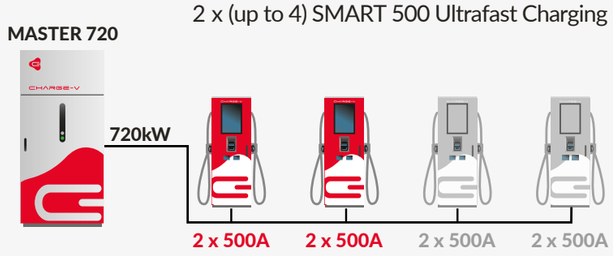
FAST CHARGING
6 x SMART 500 Fast Charging



HYBRID CHARGING
1 x SMART 500 Ultrafast Charging and 5 x SMART 500 Fast Charging



ULTRAFAST CHARGING
2 x (up to 4) SMART 500 Ultrafast Charging



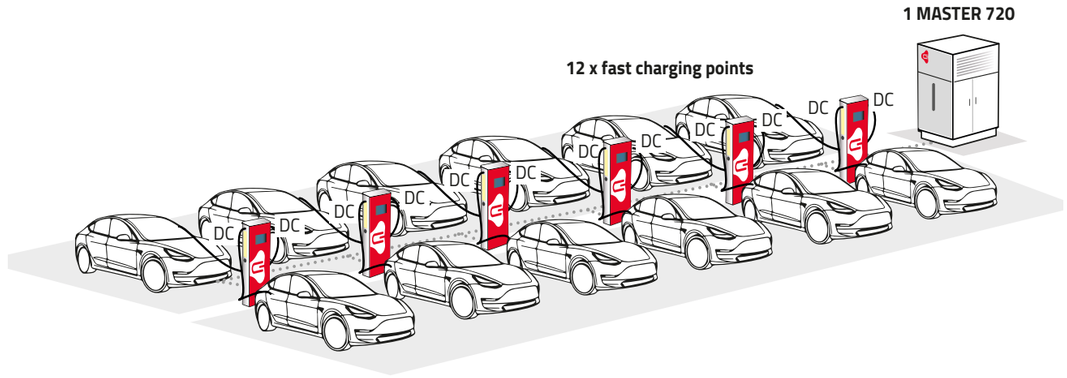
POWER UNIT

MASTER 720

The MASTER 720 power unit of the CHARGE-V is a modular power unit that can supply up to twelve charging points simultaneously. The innovative liquid-cooled architecture ensures improved charging and the highest quality.

MAXIMUM POWER

The CHARGE-V's MASTER 720 is the liquid-cooled centrepiece of an ultra-fast DC charging system for public charging stations and other locations. This power unit offers a maximum output of 600kW per power supply unit and supports up to 12 outputs.



Power supply for 12 charging points simultaneously

Power supply of up to 600kW per charging point

Demand-orientated power adjustment (60kW steps)

Scalable Satellite configuration

CE Declaration of Conformity
DIN 61851-1,
DIN 61851-21-2,
DIN 61851-23

CUSTOMISED BRANDING

WHITE LABEL

CHARGE-V
HAPPY CHARGING

We offer sustainable mobility solutions.

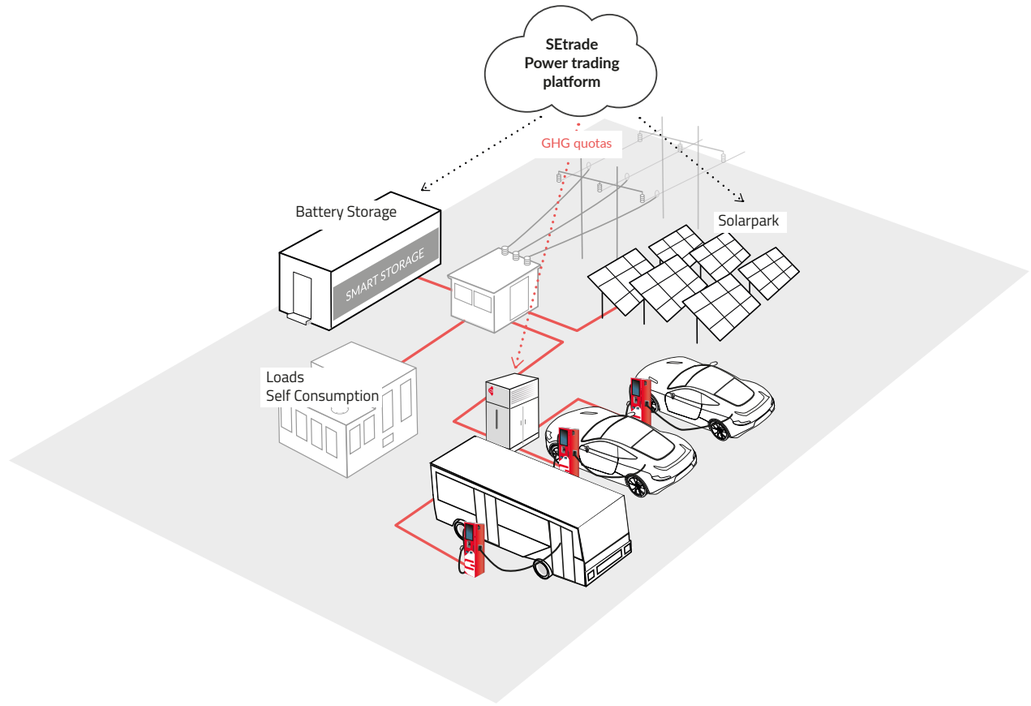
The CHARGE-V charging systems with their future-oriented technologies, offer sustainable mobility solutions for solar park operators, companies with e-vehicle fleets, petrol stations, municipal utilities and shops.

Make your mobility infrastructure more efficient and reduce your ecological footprint now with our charging systems - towards the future.

BUSINESS INSIGHT

SUSTAINABLE REVENUES THROUGH GHG-QUOTAS, STORAGE AND RENEWABLE ENERGY SYSTEMS

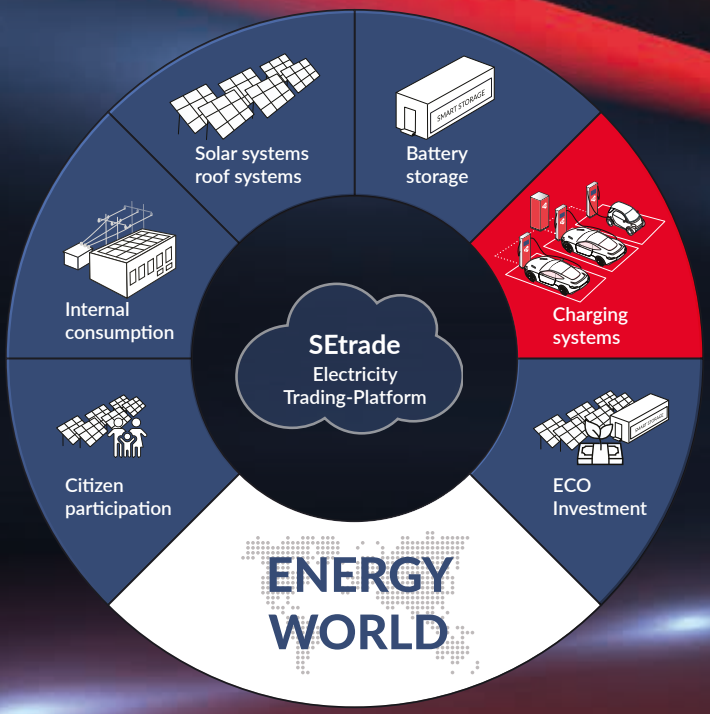
As a CHARGE-V customer, you benefit from a sophisticated operating concept for high-power charging. We supply green electricity, generate GHG-quotas and market battery-storage systems.



up to 20 cents/kWh for grid operation

up to 90,000 EUR/MWh per year for AI-traded storage

up to 40 cents/kWh for renewable electricity



ENERGY WORLD

CHARGE-V is part of the union of four highly specialised companies active in the field of renewable energies:

CHARGE-V, VISPIRON ENERGY, SEtrade and VISPIRON ECO INVESTMENT. The common goal is to realise the energy transition and the creation of a CO_2-neutral world.

www.charge-v.com/energy-world

CHARGE-V
HAPPY CHARGING

CHARGE-V GmbH
Joseph-Dollinger-Bogen 28
80807 Munich

SCAN ME

www.charge-v.com
info@charge-v.com