



MOBILE CHARGING SOLUTIONS. NO PERFORMANCE LIMITATIONS.

ANYTIME. ANYWHERE.

charge
4hire



www.charge4hire.com

charge4hire GmbH | Gumbertstraße 2 | 96339 Badlangen | www.charge4hire.com | E-Mail: info@charge4hire.com | Telefon: +49 9234 963

www.kogel.com

KOGEL



**MOBILE & STATIONARY
CHARGING INFRASTRUCTURE.
WITH US. FOR EVERYONE.
EVERYWHERE.**



Providing

Mobile & Stationary.
Indoor and outdoor - freely
positionable charging tech-
nology. From green fields to
vehicle fleets to city centers.

WITH US. FOR EVERYONE.
EVERYWHERE.



Backend

Control and evaluation
through our web interface.
The self-sufficient LTE net-
work enables simple con-
figuration options such as
Plug-In Charge.

ANYTIME. ANYWHERE.



High performance

High charging capacities
through connection to the
medium- and low-volta-
ge grid. Scaling of charging
points without limits.

Start fully charged - without
any fuel at all.



Service

Holistic service for conve-
nient and safe charging.
From hourly to long-term
rental.

We find the solution for your
needs throughout Europe.

APPLICATION AREAS

Motorsport

mobile

- E-Motorsport
- Opel E-Rallye Cup
- E-Circuit



Events

mobile

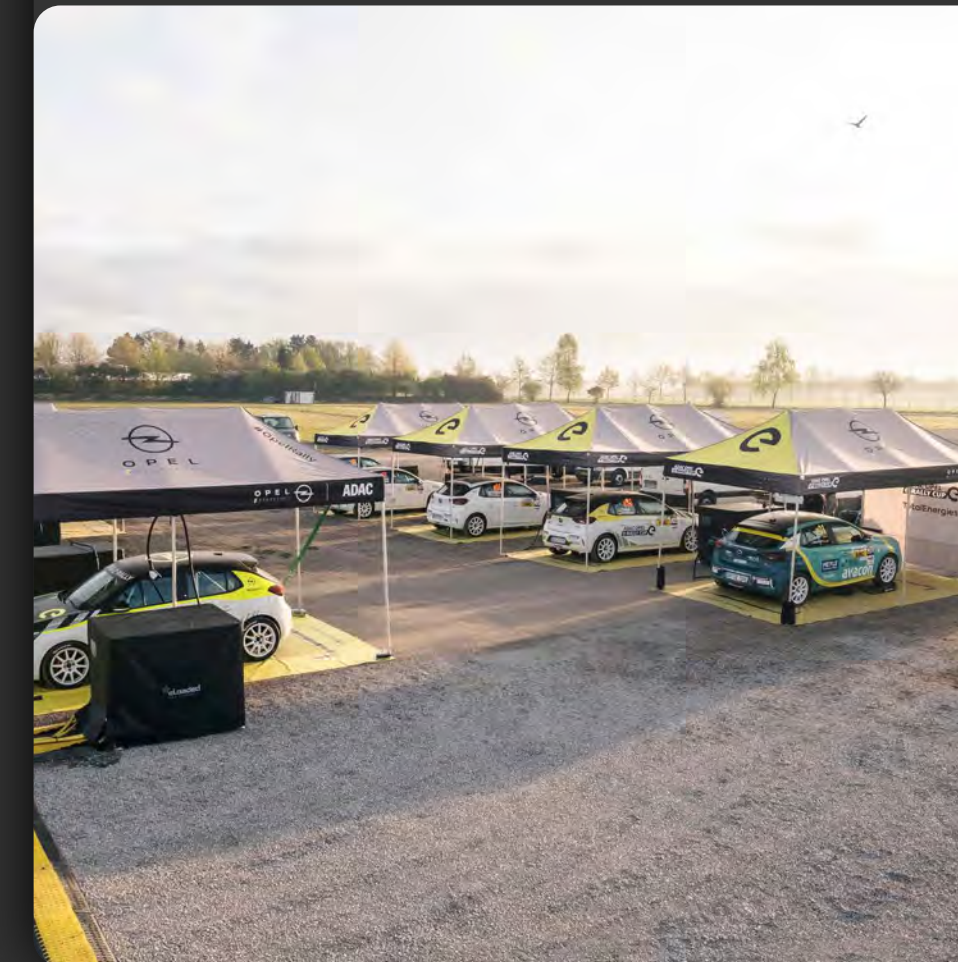
- Press events
- Vehicle shows
- Vehicle demonstrations



Charging Areas

mobile & stationary

- Parking areas
- Events
- Fairgrounds



Charging Park

mobile & stationary

- Mobile charging park
- Supply for construction sites
- Ensuring the supply of charge



Motorsport

ADAC - Opel Corsa-e Cup

The ADAC Opel e-Rally Cup is the world's first electric rally brands cup.

The charging infrastructure is just as innovative. On the planned stages, the **DCCube** mobile chargers are available at eight event locations.



18

Charging points

2_{MW}

Capacity

1,5_{Days}

Installation time

Events

Charging infrastructure for press events - Mercedes EQS

With the **DCBox**, events such as the Mercedes EQS presentation can be realized quickly and easily.

Due to the 125A CEE standard connection, the **DCBox** can be freely positioned and directly supplied.



10

Charging points

40 KW

Capacity

10 MIN

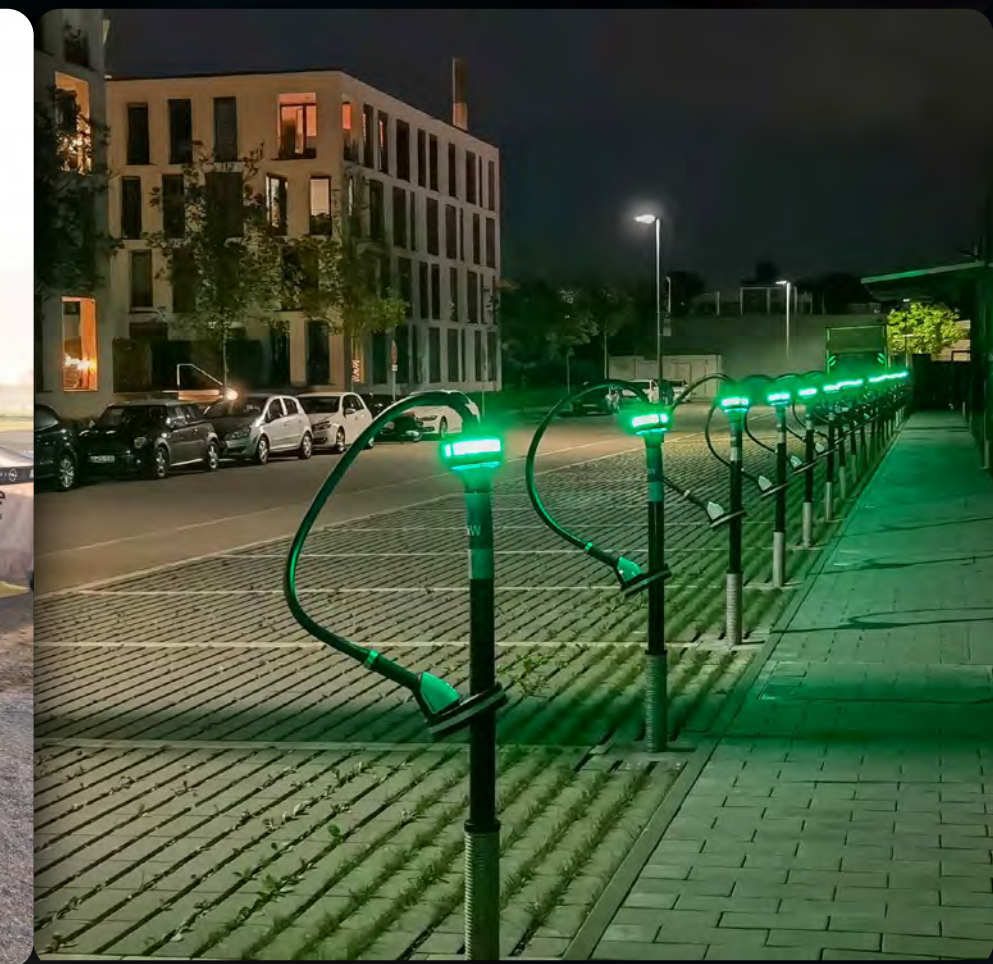
Installation time

Charging Areas

**HoGaKa
Profi GmbH, Ulm**

At the headquarters of HoGaKa Profi GmbH in Ulm, **charge4hire** has built a semi-public charging park for the company. It serves the vehicle fleet as well as neighbors and visitors alike.

Through a targeted embedding into the existing ecosystem, the large-scale photovoltaic installations could be efficiently linked with the charging infrastructure. The 28 underground chargers each emit up to 280 kW of power. Their waste heat is used to de-ice the surrounding paths.



28

Charging points

1,2_{MW}

Capacity

Charging Park

Sortimo Innovations Park, Zusmarshausen

Europe's largest and most modern electric charging park is accompanied by **charge4hire** in Zusmarshausen. 144 charging points are available, 24 of which are **SUPRAChargers** with up to 475 kW of power, which are specifically aimed at transients.

The remaining 120 charging points are available while drivers are shopping (Charge & Carry), working in a workspace (Charge & Work) or relaxing. By specifying a planned departure time, ideal control of the available energy is possible. The booking of the offer succeeds via app.

Energy management - electromobility - digitization.

144

Charging points

5,6_{MW}

Capacity





1. Planning

We identify your specific requirements and then prepare a detailed needs analysis.

2. Permissions

We take care of official requirements and handle the entire approval process.

**360°
Service.**

3. Product

We develop high-performance hardware solutions - tailored to the respective need.

5. Support

We are available for you during the use phase and also ensure optimal operation on site.

4. Implementation

We ensure the smooth, on-time installation and commissioning of the charging stations.

OUR PRODUCTS. YOUR SOLUTION.



DCBox

mobile

Quickly positionable
loading box.

(40 kW)



DCCube

mobile & stationary

DC fast charger with
the world's smallest
required installation
space.

(140–280 kW)



DCWall

mobile & stationary

Power chaining
through eloaded ringnet
technology.

(70-140 kW)



SUPRACharger

stationary

Europe's largest
loading park.

(4x 475 kW)



DCBox

Technical Data

CEE connection 125 A
Input voltage range:
3Phase, 260Vac – 530Vac

DC output:
Max. output power: 40 kW
Output voltage range: 200 V–950 V DC
CCS PLC: DIN 70121, ISO 15118

Air cooling

Environment:
Storage temperature: $-40^{\circ}\sim +70^{\circ}$
Communication: WIFI
Average operating time between failures: >500.000 hours
Safety standards: IEC 61851-1, IEC 61851-23, CE
Electromagnetic compatibility: 2014/30/EU



DCCube

Technical Data

DC input:
Input voltage range:
500 V–1150 V DC
Max. input current: 220 A

DC output:
Max. output power: 140–280 kW
Output voltage range: 200 V–950 V DC
CCS PLC: DIN 70121, ISO 15118

Liquid cooling:
Controllable liquid temperature: -20°C – $+50^{\circ}\text{C}$
Liquid: non-conductive, biodegradable
Thermal management: external use of lost heat possible

Environment:
Storage temperature: -40° ~ $+70^{\circ}$
Communication: WIFI, Ethernet, Open Charge Point Protocol 2.0 (OCPP)
Average operating time between failures: > 500.000 hours
Safety standards: IEC 61851-1, IEC 61851-23, CE
Electromagnetic compatibility: 2014/30/EU
Protection class: IP68



DCWall

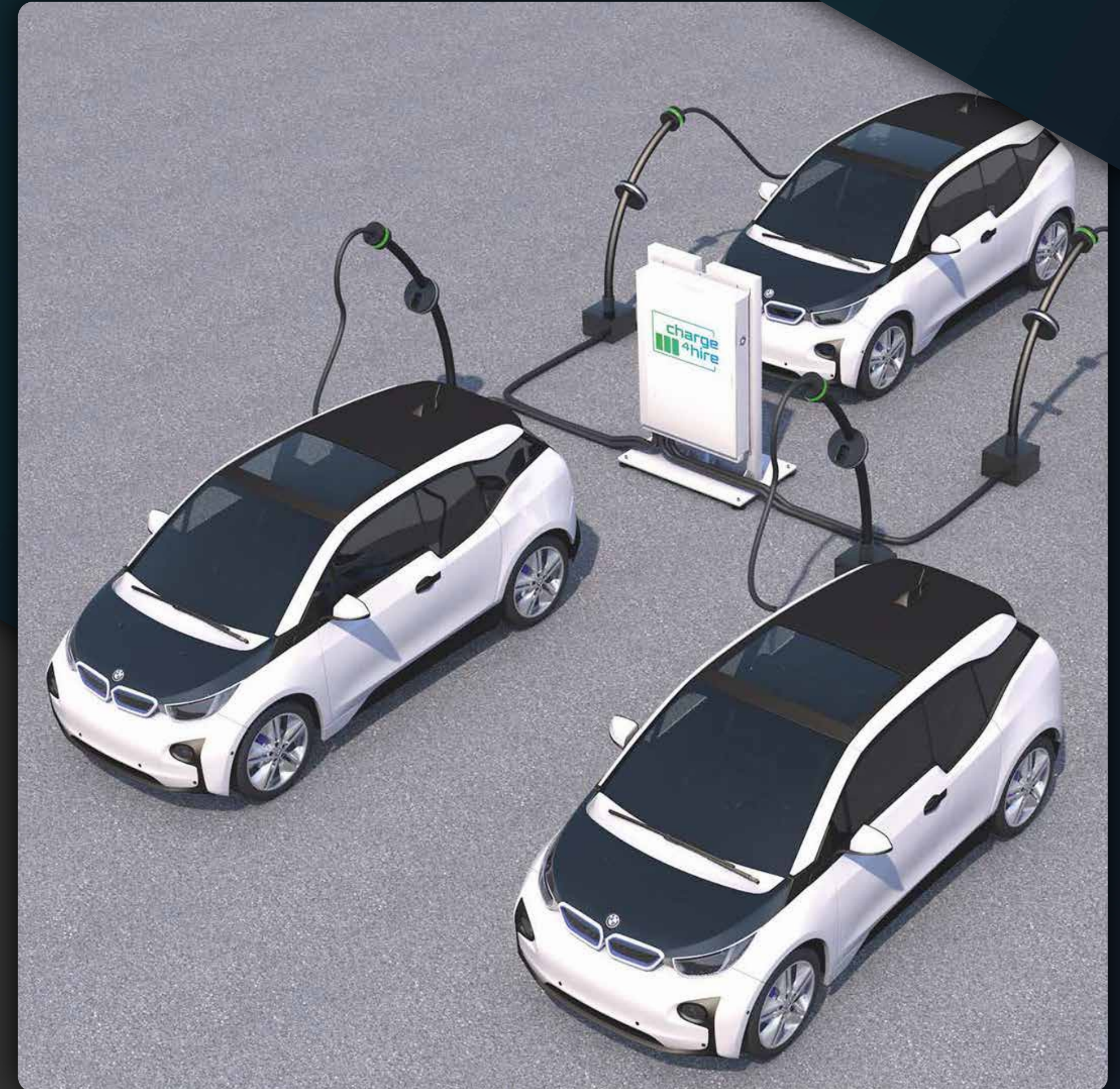
Technical Data

DC input:
Input voltage range:
500 V–1000 V DC

DC output:
Max. output power: 70 kW–140 kW
Output voltage range: 200 V–950 V DC

Liquid cooling:
Input temperature of the liquid: -20°C – $+50^{\circ}\text{C}$
Flow rate: 15–20 l/min

Environment:
Storage temperature: -40° ~ $+70^{\circ}$
Communication: WIFI
Average operating time between failures: >500.000 hours
Safety standards: IEC 61851-1, IEC 61851-23
Electromagnetic compatibility: 2014/30/EU



SUPRACharger

Technical Data

DC input:
Input voltage range: 500 V–1150 V DC
Max. input current: 4x 640A

DC output:
Max. output power: 4x 420kW
Output voltage range: 50V–950V DC

Liquid Cooling:
Input Liquid Temperature: -20°C – $+50^{\circ}\text{C}$
Flow rate: 110 bis 150l/min
Liquid: Water /Glycol (60%/40%)

Environment:
Storage temperature: -40° ~ $+70^{\circ}$
Communication: WIFI, Ethernet, Open Charge Point Protocol 2.0 (OCPP)
Average operating time between failures: > 500.000 hours
Safety standards: IEC 61851-1, IEC 61851-23, CE
Electromagnetic compatibility: 2014/30/EU



Our network.

Three companies - one common goal.

In order to develop holistic solutions for an innovative charging and energy management, you need experts from all sectors. Our network bundles the knowledge and experience of three companies which combine their different priorities and competencies for one common goal: the development of new approaches and services for sustainable mobility.



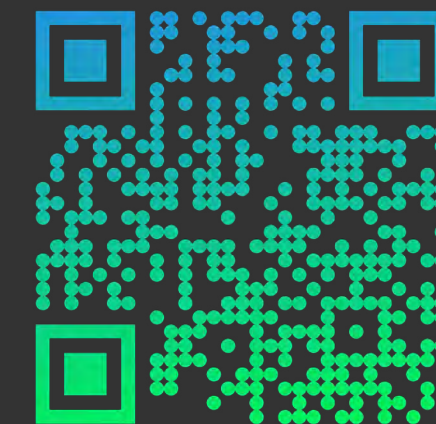


We are ready for your future.
ANYTIME. ANYWHERE.

No matter when, no matter where: we bring to you the energy you need.
Call us or write us a message.
Welcome to the future.

charge4hire GmbH
Gutenbergstraße 21
86399 Bobingen
Telefon: +49 8234 9696 0

E-Mail: info@charge4hire.com



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