

SICHARGE Flex

Distributed high power charging system



Power cabinets



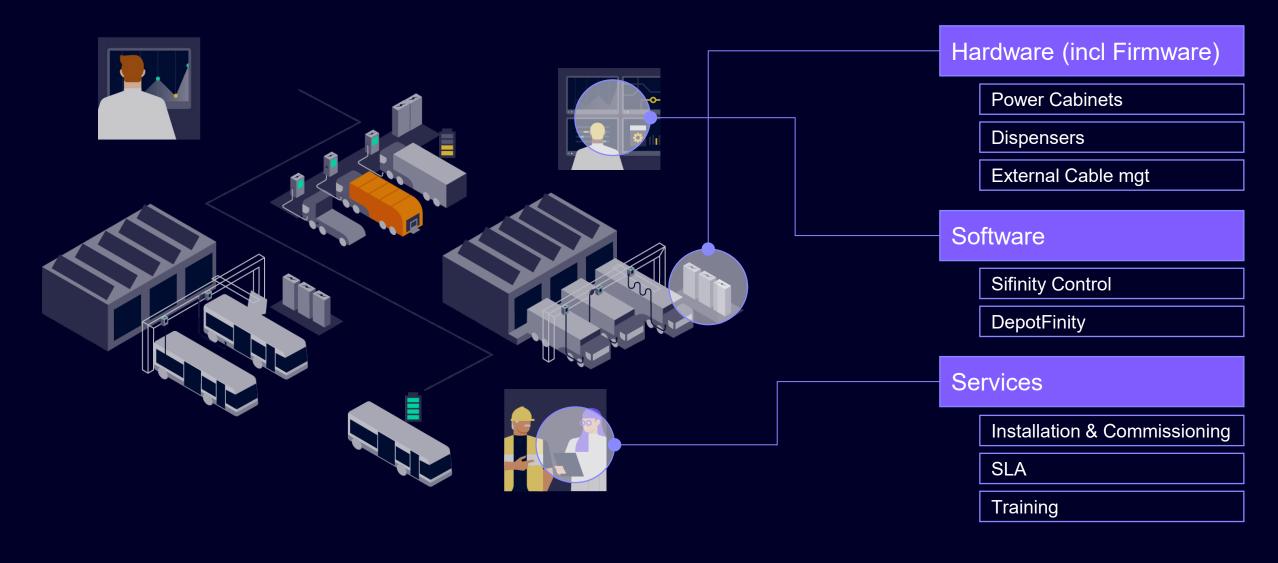
Dispenser columns CCS/MCS



Dispenser cabinets CCS



Sicharge Flex Ecosystem



SICHARGE FLEX

Fast, dynamic and efficient distributed charging system

Charging redefined



Use cases

For heavy-duty vehicles and busses



Power

From 240 kW to > 1 MW DC



Charging time

30 min¹ fast charging

Highlights/Benefits



Outstanding performance

Up to 1500 A charging power through MCS plug



Easy Installation & configuration

Pre-assembled in factory



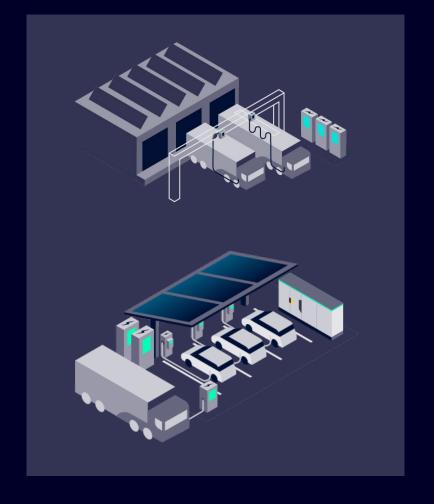
System flexibility

Dispenser columns and cabinets in different power levels



Fully dynamic charging

Adaptable power levels for efficient charging on any outlet





¹ Charging time varies by vehicle, state of charge and installed power

SICHARGE Flex

Designed for depot and public charging applications







Flexible

Reliable

Economical





Efficient use of installed power



Future-proof and expandable in outlets and power capacity



Compact design to optimize space utilization



Easy installation with pre-assembly in the factory



Optimized charging with fully dynamic power allocation



Modular design for seamless integration in depot and retrofit environments



Sturdy and durable housing with IK10 anti-vandalism protection



Exceptional user experience



SICHARGE Flex

System build-up





480 / 560 kW

← 80 – 480/560 **→**

6x



960 / 1,120 kW

← 80 – 1,120 **→** 6x



1,680 kW

← 80 – 1,680 **→**

480 kW : Up to 6 outlets (6x 80 kW power groups)

560 kW: Up to 6 outlets (4x 80 & 2x 120 kW power groups)

960 kW : Up to 6 outlets (12x 80 kW power groups)

1120 kW: Up to 6 outlets (8x 80 & 4x 120 kW power groups)

1680 kW: Up to 6 outlets





IP: Inverted Pantograph (bus-down) | CH: Pantograph (bus-up)



SICHARGE FLEX – Power Cabinets

Dynamic, compact and powerful

Industry leading power density for maximum capacity **656 kW/m²**

Wide range of power levels **480/560 kW, 960/1120 kW, 1680 kW**

Supports up to **300-meter** dispenser distance, ideal for challenging depot layouts



Fully dynamic power sharing in 80/120 kW increments

Pre-assembled in factory for installation efficiency and ease

Provides dynamic power for up to 6 outlets

Very limited space claim, cooling concept minimalizes installation area

SICHARGE FLEX - Dispenser columns CCS / MCS

Adaptable, sleek and user-friendly

Various dispenser column options

- CCS 375 A air cooled, single or dual plug
- CCS 500 A liquid cooled, single or dual plug
- MCS 1500A liquid cooled

Barrier-free access according DIN 18040-3

Optional advertisement screen for additional revenue or messaging

Ready to use for public or semi-public areas



Intuitive user interface with screen-assist buttons

Various payment solutions and cable lengths

> **Very small footprint** CCS 375A: 0.10 m2

MCS 1500A: 0.19 m2



SICHARGE FLEX - Dispenser cabinet CCS Powerful and space efficient

Small footprint CCS 375A: 0.16 m2 Overhead mounted dispenser cabinets for depot applications with limited space Support for external cable management solutions SICHARGE 375 A continuous current via CCS plug Optional MID certified **DC meter** Various cable lengths Convenient state of charge indicator Wall-mounting optional



Sifinity Control

Your charging infrastructure always under control

Ensure high uptime and availability through real time insights and remote access



Critical infrastructure

Chargers are under multiple influences which are affecting the availability



Constraints

Small insights on the charger health without a site visit



Charger management

Easy charging management with deep insights on the charger health

Highlights/Benefits



Maximize charger availability



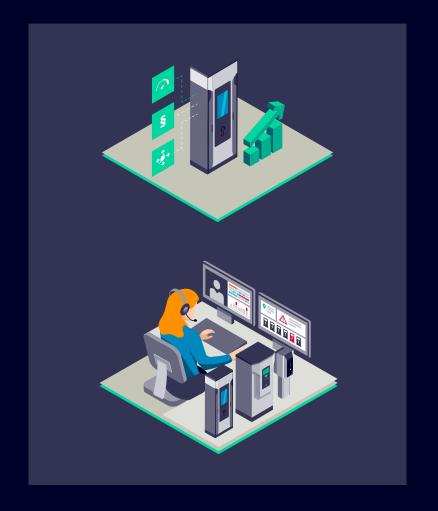
Customize settings like screensaver or outlet configuration



Reduce service costs



Manage all charger lines in one solution



DepotFinity

More electric miles at lower CAPEX and OPEX

Managing your EV depot



Fleet to charge

Busses, trucks, logistic vehicles, ... charging in central locations



Λ

Constraints

EV routes & schedules, grid connection, tariffs, weather, ...



Charger management

Easy charging management for all your chargers

Highlights/Benefits



Maximize battery driven miles



Reduce CAPEX for grid connection



Reduced **operational expenses** e.g., electricity cost, maintenance



Smooth integration in existing depots incl. 3rd-party chargers





eMobility Services



Committed to your goals eMobility Services

- Customized services for installation, integration, trainings or maintenance
- Continuous local support throughout the entire lifecycle
- Digital and remote services, incl. Customer Portal for full transparency on service status
- Power upgrade on-site
- Excellent serviceability with easy access to components

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eMobility Services Committed to your goals













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