



Product Data Sheet

Heavy Duty DC Fast Charger

- for Electric Trucks

Heavy Duty DC Fast Charger

-With Liquid Cooled Sattellite and Power Unit

Our Heavy Duty DC Fast Chargers are designed for high-demand applications, including electric trucks.

Offering scalable power from 360 kW (500A/1000V), these chargers provide efficient and rapid charging solutions for industrial and commercial electric vehicles.



Features

High Power: Scalable from 360 kW to infinite power to meet various heavy-duty charging needs.

Robust design: Built to withstand harsh industrial environments.

Fast Charging: Capable of delivering rapid charge to minimize downtime

Safety Features: Includes overvoltage, overcurrent, overtemperature, and short-circuit protection

User-Friendly Interface: Easy-to-use interface for quick setup and operation.

Remote Monitoring: Supports remote diagnostics and monitoring.

Compliance and Certifications

IEC 61851, and CE certified, RoHS compliant

KE Idun Charging Sattelite

Technical Specifications

Input Voltage	400V AC for control system
Output Voltage	100-1000V DC (Provided by external power unit) KE Brage
Output Current	Adjustable (depending on power requirement)
Power Rating	500A / 1000V
Efficiency	>95%
CCS2 Charging Cable	1-2
Ripple and Noise	<4%
Cooling Methode	Forced air cooling / Liquid cooling (depending on model)
Operating Temperature Range	-30°C to 50°C
Storage Temperature Range	-40°C to 70°C
Dimensions	Varies by model
Weight	Varies by model

Physical and Environmental Characteristics

Enclosure Material	Double walled high quality alloy
Mounting Options	CCS2, MCS available in future
Ingress Protection Rating	IP54 (higher ratings available upon request)

Intrface and Connectivity

Communication Protocols	OCPP 1.6, MQTT
Connector Types	CCS2, MCS available in future

User Interface

Display	15,6 inch LCD touchscreen
Monitoring	Remote monitoring with KE Mimir

Warrenty and Support

Customer Support	24/7 customer support available via phone, email, and online portal
Warranty	1 year standard, extendable up to 5 years

KE Brage - Power Unit

Technical Specifications

Input Voltage	400V AC
Output Voltage	100-1000V DC
Output Current	Adjustable (depending on power requirement)
Power Rating	360 kW and higher (customizable to infinite power)
Efficiency	>95%
Power Factor	>0.99
Ripple and Noise	<4%
Cooling Methode	Forced air cooling
Operating Temperature Range	-30°C to 50°C
Storage Temperature Range	-40°C to 70°C
Dimensions	Varies by model
Weight	Varies by model

Physical and Environmental Characteristics

Enclosure Material	Double walled high quality alloy
Ingress Protection Rating	IP54 (higher ratings available upon request)

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Customer Support	24/7 customer support available via phone, email, and online portal
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