



CITYCHARGE H2

COMPLIANCE? ALREADY
HANDLED.

 AC Charging up to 22 kW

 Public Charging



DESIGNED FOR






AGENDA

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CityCharge H2

COMPLIANCE? ALREADY HANDLED.

 AC Charging up to 22 kW

 Public Charging


 Uptime – 99.2%


BECAUSE EICHRECHT, HAK & GERMAN REGULATIONS SHOULDN'T SLOW YOU DOWN.


Jumping through regulatory hoops? Not with CityCharge H2. Eichrecht calibration law? Check. HAK? Check. Fully integrated load management? Of course.

KEY FEATURES

 Eichrecht-Compliant Charging

 Secure & Metered Use

 Dual 22 kW Output

 Ready for Regulated Sites





WHY CITYCHARGE H2?

BECAUSE COMPLIANCE SHOULDN'T BE A HEADACHE.

Strict German VDE technical requirements? Eichrecht calibration law? We've handled it all, so you don't have to. CityCharge H2 takes the stress out of regulatory compliance while delivering high-performance EV charging that works for energy companies, CPOs, and public spaces.



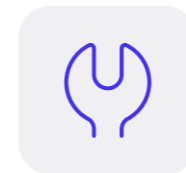
More Power. Less Complexity.

With dual charging points, H2 keeps traffic moving, making it ideal for high-traffic public and semi-public locations.



Regulations? Covered.

Designed with extra space for a DSO energy meter, H2 meets strict utility and regulatory standards, so compliance is never an issue.



Installation Without the Hassle

H2 complies to VDE-AR-N 4100 set of technical rules for connecting customer installations to the low-voltage grid and charging station has integrated meters panels as well as house connection box (DE: Hausanschlusskasten (HAK)).



Smarter Energy Use. Lower Costs.

Built-in load management optimizes energy flow, reducing grid strain and operational expenses without sacrificing performance.

Premium Component Suppliers





PARTNERS

We're proud to power our clients and partner progress, and shape the EV future together.

WHO?



Business



Municipalities



Organizations

WHY?



Proven Reliability



Smart Functionality



Sleek Design

TRUSTED BY THE BEST
Because they know what works!





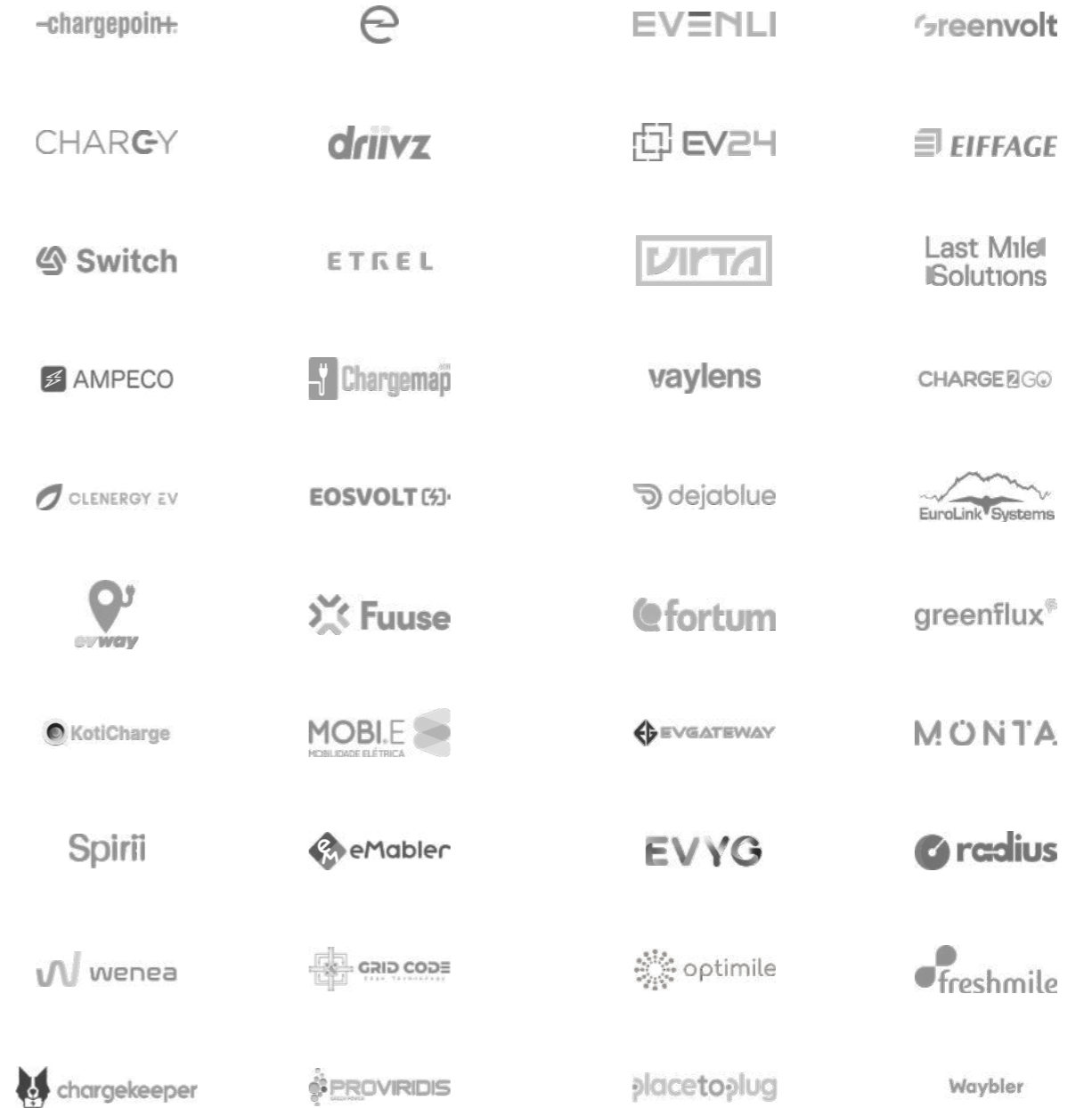
COMPATIBLE BACK-END PLATFORMS

CLICKS WITH THE ELITE.
NO DRAMA.

When it comes to backend integration, only the most dependable systems make the cut. That's why leading software platforms, mobility providers, and network operators partner with us. Our chargers sync seamlessly, scale effortlessly, and just work—so your operations stay smooth and future-ready.



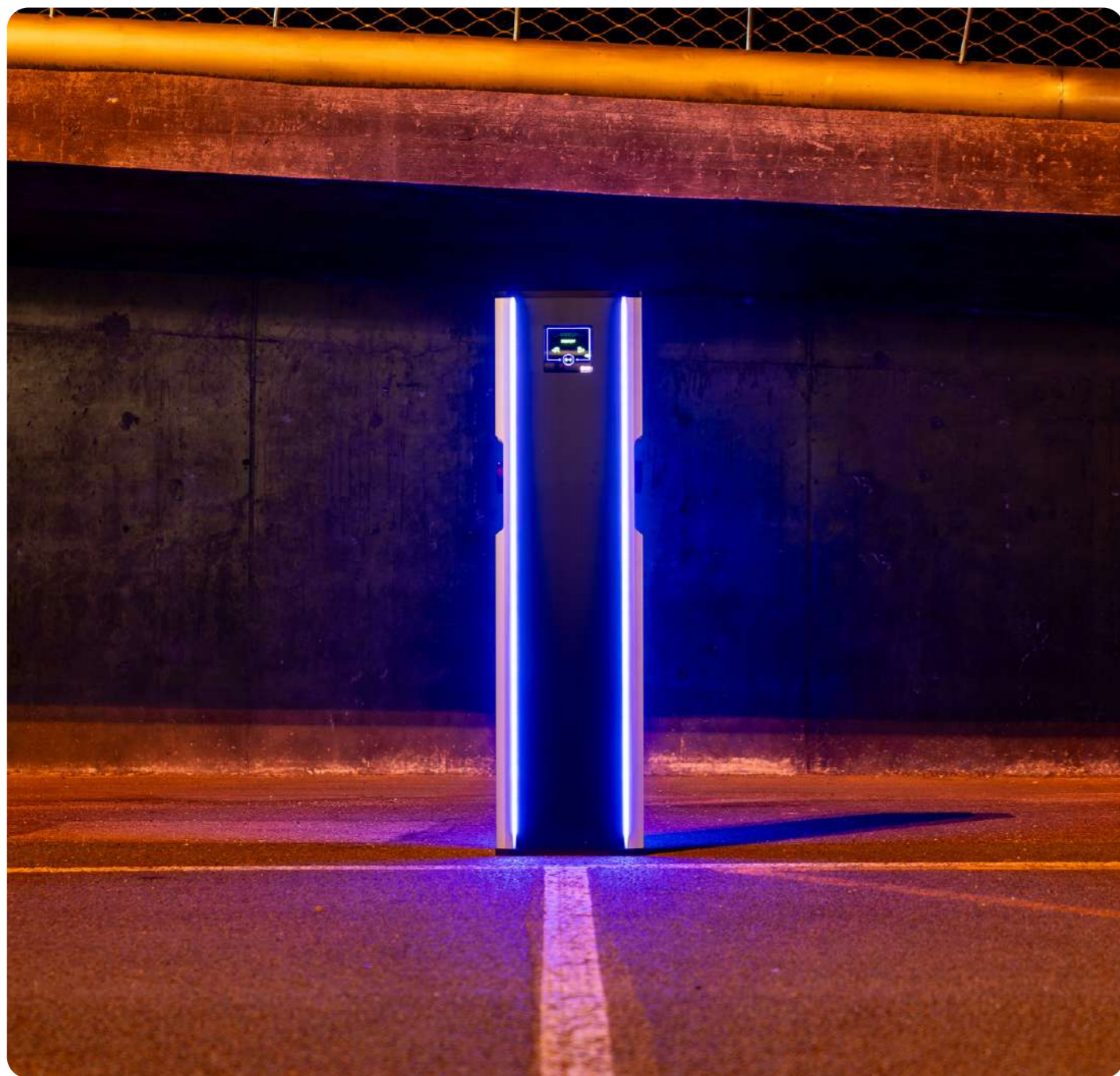
Partners Who Power Our Ecosystem





REGULATORY COMPLIANCE

Every CityCharge unit meets rigorous international standards for safety, performance, and interoperability. From CE to IEC certifications and OCPP compliance, our chargers are tested, trusted, and ready for the real world.



OUR SEAL OF
'We know what we're doing!'





TECH THAT DELIVERS, NOT DISTRACTS

SMART CHOICE WITH US? MEANS YOU KNOW BUSINESS.

We don't add bells and whistles just to look smart. With Dynamic Load Management, Power Balancing, DC Monitoring, and Accurate Billing, our EV chargers deliver efficient, secure, and no-nonsense charging – every time.



LCD Screen

Our chargers come with a built-in LCD screen that keeps you in the know—real-time charging status, session details, and user guidance are all displayed crystal clear. There is no second-guessing or fumbling. Just plug in, glance over, and get on with your day. Because smart charging shouldn't feel like rocket science.



Payment System

No delays, no drama—just a fast, secure, and easy way to pay. Tap, swipe, or scan with contactless cards, mobile apps, or RFID—whatever works for you. Because if paying feels like a puzzle, someone seriously messed up.



DC Monitoring

Charging should be fast, not risky. That's why Elinta Charge's sensors are always on guard, detecting unsafe DC residual currents before they become problematic. If something's off, charging stops instantly—because safety isn't an option, it's a non-negotiable.



CPO & Roaming Platform Compatibility

Locked into one network? Not here. Our chargers play nice with multiple CPOs and roaming platforms, giving drivers frictionless access to a vast EV charging network. More flexibility, more freedom, zero limitations. For operators, that means wider reach, easier integration, and no headaches. Because charging should be seamless—not a scavenger hunt.



Payment Pole

A standalone, hassle-free payment solution that works effortlessly with our chargers. No extra steps, no wasted time—just quick, secure payments that keep you moving.



Dynamic QR Code

No apps, no fuss—just point, scan, and charge. Our dynamic QR codes simplify payments, so you spend less time tapping around and more time on the road. Because waiting is for traffic, not charging.



Accurate Billing

You pay for what you use—nothing more, nothing less. Elinta Charge's precision tracking measures every kilowatt-hour down to the decimal, so you always get a fair, transparent bill. Because hidden fees and sketchy math? Yeah, not our style.



Cybersecurity

Hackers? Not on our watch. Our chargers come armed with top-tier encryption and rock-solid authentication, keeping your data and transactions safe, secure, and untouchable. Because the only thing getting charged here is your EV—not your security.



Cloud-based platform

Your Charger. Your Rules. Monitor, manage, and optimize your charging stations from anywhere—because running around to check on them? Yeah, that's outdated. Get real-time data, remote control, and automatic updates, keeping your chargers smarter, faster, and always ahead of the game. Set it. Track it. Own it.



Dynamic Load Management

Power-hungry EVs? Busy building? No problem. Elinta Charge's DLM keeps everything in check, balancing energy like a pro—so your charger, home, or business never skips a beat. With a smart energy meter tracking power usage, it knows exactly when to hold back or unleash the juice. Because blowing fuses? Yeah, we don't do that.



Power Balancing

Charging multiple EVs? No sweat. Elinta Charge's adaptive power balancing ensures every vehicle gets the energy it needs without overloading the system. It's fast, efficient, and always on point—because power should be optimized, not wasted.







POWERING BRANDS TOGETHER

MAKE EVERY CHARGE A BRAND EXPERIENCE

With CityCharge H2's co-branding capabilities, your brand is front and center in high-visibility charging environments. Whether you're an energy provider, municipality, or infrastructure operator, placing your logo on this robust, compliant charger highlights your commitment to safety, sustainability, and future-ready public infrastructure.



WHY CO-BRANDING WORKS FOR YOU?

-  **Enhanced Brand Presence**
Turn every charging station into a brand ambassador.
-  **Customer Engagement**
Reinforce brand identity in high-traffic, high-dwell-time environments.
-  **Tailored Aesthetics**
Align the charger's look with your brand colors or campaign visuals.
-  **Mutual Recognition**
Strengthen your position by associating with a cutting-edge, sustainable technology.

CityCharge H2

TECHNICAL SPECIFICATIONS

Explore the core technical details behind the performance of CityCharge H2.



GENERAL

Number of Connectors	2
Status Indication	Visual: Screen, LED strips. Audio: Buzzer
User Interface Type	LED Indication or LCD Screen
Max Current per Connector	32 A
Connector Type *	Type 2 Socket Type 2 Shutter Socket 4 m Spiral Cable + Type 2 Connector 5 m Spiral Cable + Type 2 Connector
Charging Mode	Mode 3
Max Charging Power (kW)	2 x 22 kW
Supported Power Systems	TNC-S, TNS, TT
AC Input Power	3 Phase, 400 V/AC, 32 A 3 Phase, 400 V/AC, 16 A 1 Phase, 230 V/AC, 32 A 1 Phase, 230 V/AC, 16 A
AC Output Power	2 x 3 Phase, 400 V/AC, 32 A (2 x 22 kW) 2 x 3 Phase, 400 V/AC, 16 A (2 x 11 kW) 2 x 1 Phase, 230 V/AC, 32 A (2 x 7,4 kW) 2 x 1 Phase, 230 V/AC, 16 A (2 x 3,7 kW)

USER INTERFACE

Display Type	LED, LCD + Touchscreen
User Authentication	RFID/NFC, Mobile App Support
EV Charging Back-End Platform	Elios Cloud, etc.
RFID Type/Standard	ISO 14443, Type A, MIFARE
Status Indication	LED Indication, LCD Screen

CONFIGURATION

Software Update	OTA (Over the air)
Control & Configuration	Controlled via Elios Cloud or 3 RD Party Back-End
Local Configuration Interface	Yes
Operating Altitude (Max)	2000 m
Operating Temperature Range	- 25 °C to + 50 °C
Storage Temperature Range	- 25 °C to + 50 °C
Standby Power Consumption	28 W



MECHANICAL DESIGN

Dimensions (H×W×D)	1640x435x260 (H x W x D) (Standard version)
Weight	70 Kg
Installation Location	Inside/Outside
Mounting Type	Ground Mounted
Relative Humidity	0-99%
UV Resistance	Yes
Vandalism Resistance	Yes
Key Lock	Standard (default) or Special Key Lock (optional)

ELECTRICAL DESIGN

Connection Terminals Size	For 1 Power Input up to 35 mm ² For Dual Power Input up to 16 mm ²
Surge Protection Device (SPD)	CAT I + II + III, IEC 61643-11 *
Load Management	Dynamic Load Management Static Power Balancing Group Balancing over the Cloud Load Balancing Support via OCPP
Energy Meters	2x Energy Meters (MID Compliant)
Charging Cable Locking	Yes
Overvoltage Category	Category III
Overcurrent Protection	Yes
Fault Protection (RCD, Overcurrent, etc.)	Integrated to EVSE
Electrical/Safety	Option No. 1 - Space for distribution box components: DSO Meter Busbars Additional Safety Components Option No. 2 - Integrated HAK + Meter Panel (DE) Option No. 3 - Single Meter, VDE Solution (DE) Option No. 4 - Double Meter, VDE solution (DE)
DC Leakage Protection	2x RCM (residual current monitoring devices) or Type B (integrated in the charger)

BILLING & PAYMENT OPTIONS

Credit Card Terminal	Contactless / Chip / Magnetic
LCD Screen	QR Code

ENVIRONMENTAL

IP Class	IP54
IK Class	IK10, Screen IK08
Temperature Control System	Yes
Corrosion Resistant	Anodised Aluminium

CONNECTIVITY

Internet Connection Options	Ethernet, 4G, WiFi
Monitoring/Diagnostics	Elios Cloud as a Standard, OCPP Connection to other Back-End
Remote Maintenance	Yes
Local Configuration	Yes
OCPP	1.6 JSON
OCPP Configuration	Remotely via Elios Cloud or via Local Config
Modbus RTU	Yes

STANDARDS/ CERTIFICATES

Compliance	EN IEC 61851-1:2019 EN IEC 61851-21-2:2021
Certification Programs	Eichrecht, CB, UL, UDT

WARRANTY

Term	5 Years
Extension	2 Years

* - configurable option / accessory



CityCharge H2

ADD-ONS

Think H2 is already a beast? Watch it get even better. Load it up with add-ons that push performance, boost control, and give you the extra edge. Because more power is never a bad thing.





CATEGORY	ADD-ON	TYPE	CODE
CONNECTOR OPTIONS	Socket Type 2	E2 / D2 / G2	T2
	Socket Type 2 + Shutter	E2 / G2	S2
	Plus 4 m Spiral Type 2	E2 / D2 / G2	C4
	Plus 5 m Spiral Type 2	E2 / G2	C5
	Plus 4 m Spiral Type 1		U4
	Special Socket or Cable Length**	E2 / G2	SS
USER INTERFACE	LED	E2 / D2 / G2	1
	LCD 7"	E2 / D2 / G2	2
PAYMENT TERMINAL	None	E2 / D2 / G2	X
	PT P66	E2 / D2 / G2	1
	PT P68	E2 / D2 / G2	2
	PT Apollo	E2 / D2 / G2	3
	PT Valina	E2 / D2 / G2	4
	PT CCV IM30	E2 / D2 / G2	5
	PT Castless	E2 / D2 / G2	6
Special**	E2 / G2	S	
ELECTRICAL SAFETY	RCCB Type A + RCM (1)	E2 / G2	1
	RCCB Type A + RCM, Integrated HAK + Meter Panel (3)	D2	2
	RCCB Type A + RCM, Single Meter, VDE Solution (2,3)	D2	3
	RCCB Type A + RCM, Double Meter, VDE Solution (2,3)	D2	4
	RCCB Type B (1)	E2 / G2	5
	RCCB Type B, Integrated HAK + Meter Panel (3)	D2	6
	RCCB Type B, Single Meter, VDE Solution (2,3)	D2	7
RCCB Type B, Double Meter, VDE Solution (2,3)	D2	8	

CATEGORY	ADD-ON	TYPE	CODE
MECHANICAL	None	E2 / G2	X
	Spec Key Locks	E2 / G2	1
	MID Windows	E2 / D2 / G2	2
	Spec Key Lock + MID Windows	E2 / D2 / G2	3
	Special**	E2 / D2 / G2	S
COMMUNICATION	LAN	E2 / D2 / G2	1
	4G Only	E2 / D2 / G2	2
	4G + LAN	E2 / D2 / G2	3
	Special**	E2 / D2 / G2	S
SOFTWARE	None	E2 / D2 / G2	XX
	ISO15118		1
	Software Limitation to 11 kW	E2 / D2 / H2 / G2	S1
HARDWARE	None	E2 / D2 / G2	XX
	Co-Branding Front	E2 / D2 / G2	C1
	Co-Branding Front + Back		C2

** Available only after EC Product department confirmation

NOTES

1. E2 type comprises a H2 housing with standard EVSE components and empty mounting plate, ready for DSO to install meter and other required components (Electrical options 1 and 5).
2. D2 type when Electrical options 3,4,7 or 8 are selected provides a fully compliant VDE-AR-N-4100 solution. Customers can choose between configurations with single or double DSO energy meters.
3. All D2 solutions are compliant to German Eichrecht regulations.

CityCharge H2

ACCESSORIES

The right accessories turn H2 from powerful to unstoppable. Fine-tune, enhance, and push your charging game further—because every detail counts when it comes to performance.



COMPATIBLE	CODE	NAME
H2	MPACX	Without Packing
H2	MPAC1	H2 Socket Packing
H2	MPAC2	H2 Plus Packing
H2	ACSM1	SIM Card (Manufacturer)
H2	ACSM2	SIM Card (Customer)
H2	ACSW1	Ethernet Switch 4 Port
H2	ACSW2	Ethernet Switch 8 Port
H2	ACRF1	RFID TAG
H2	ACMP1	Mounting Plate kit
H2	ACDLH	DLM H
H2	ACD01	DLM B CT 300 A
H2	ACD02	DLM B CT 400 A
H2	ACD03	DLM B CT 500 A
H2	ACD04	DLM B CT 600 A
H2	ACD05	DLM B CT 800 A
H2	ACD06	DLM B CT 1000 A
H2	ACD07	DLM B CT 1200 A
H2	ACD08	DLM B CT 1250 A
H2	ACD09	DLM B CT 1600 A
H2	ACD10	DLM B CT 2000 A
H2	ACAPZ	APZ
H2	ACSP1	SPD T1+T2+T3 (Busbars)
H2	ACSP2	SPD, Combined T1+T2+T3 (Direct Connection)
H2	ACPE1	PEN Protection Device for 1 Power Input (3P 63 A)

CUSTOM EV CHARGING

BECAUSE ANYTHING SLOWER IS A BOTTLENECK.

Whether you're powering a business, public space, or home, Elinta Charge delivers tailored EV solutions that fit your needs—not the other way around. From high-traffic commercial hubs to private setups, we make charging smarter, faster, and seamless—so you can stay ahead, not stuck.



BUSINESS EV CHARGING

Workplaces
Parking Lots & Solar Carports



PUBLIC EV CHARGING

Service Stations
Public Streets
Charging Hubs



MUNICIPAL EV CHARGING

Revenue-Generating Stations
Municipal Fleet Charging
Government Buildings & Facilities



RELIABLE EV CHARGERS

BECAUSE AVERAGE IS FOR EVERYONE ELSE.

CityCharge V2



CityCharge M2



CityCharge H2



CityCharge 43



HomeBox Slim



HomeBox Lite





CHARGING WITH AN ATTITUDE

BECAUSE CHARGING SHOULD
NEVER BE BORING.

We move fast, think sharp, and build chargers that actually keep up. Combining start-up agility with hardcore industry expertise, we deliver high-performance, no-hassle EV charging solutions designed for those who demand efficiency, reliability, and zero downtime. Because when it comes to powering the future, slow and complicated just won't cut it.





TIMELINE

BUILT ON INNOVATION.
POWERED BY EXPERTISE.

From circuit boards to EV highways, we've been ahead of the game. And we're just getting started.

1991

Before EVs were cool, we were already engineering top-tier electronics. Elinta Group started designing and manufacturing cutting-edge tech.

2011

We saw the EV revolution coming. Elinta Group dove into e-mobility, experimenting with EV motors before the hype.

2017

We went all in. Elinta Motors was born to electrify commercial vehicles and shake up the industry.

2018

Charging was a mess-so we fixed it. Elinta Charge spun off to create durable, no-nonsense charging solutions that actually deliver.

2022

Big moves. LitCapital and AVIA Capital backed us, fueling our mission to power the future, faster.

2025

Brand refresh supported by leadership and strategic changes.

MISSION


To power the global shift to electric mobility by delivering reliable, high-performance EV charging solutions that drive value for businesses and convenience for drivers.




CHARGING,
AS IT SHOULD BE



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