



We move cars.  
And the world.



# *Simply Electrifying*

At Charge Amps we firmly believe that outstanding products not only enhance people's lives, but benefit the entire planet. What was once a single charger in 2012, has grown into an ecosystem of intelligent solutions that continuously create new possibilities for the user. From car to home and beyond. We do it not only by meeting today's demands, but by designing with tomorrow in mind. All to change people's lives for the better, and to steer the world in the right direction. And as long as there's an opportunity to make things better, we will keep charging forward, making life simply electrifying. For many years to come.







# Superior interior. Beautiful exterior.

## Intelligent inside and out

Our products put you in charge of charging. With intelligent software and technology, we offer a brighter and easier service, tailored to the individual user. Our app makes you aware of everything you need to know, while helping you manage your products simply and efficiently.

## Brings brighter days

We have a strong focus on sustainability throughout the whole production chain, from drawing board to finished product. Our chargers are built to last, future proof, and manufactured from materials that withstand the most challenging climates. From snowy winters to hot summers. Most of our chargers are made from recycled materials and are recyclable once they have served their purpose.

## Aesthetically pleasing

When it comes to changing behaviour, looks should not be underestimated. We believe the role of design is crucial in speeding up the shift towards electric mobility. Our aesthetics are created by world-known industrial designers who apply their skills to design chargers that truly complement a facade. To strike that perfect balance blending in and standing out. And bring even more joy to electrified life.

# Our ecosystem – truly intelligent charging

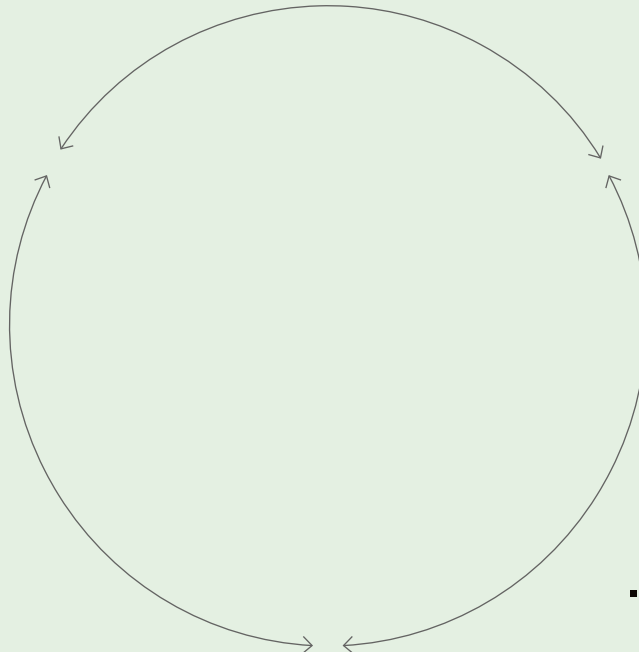
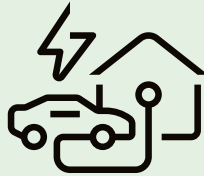
Charge Amps offers an integrated experience that is much larger than a charger. And we are constantly growing, adding new convenient functionalities.



## Charger

# Charge forward

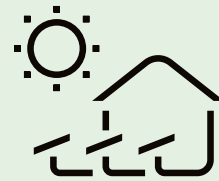
Made from recycled materials and built to last. Our chargers pair environmental kindness and exceptional quality with true aesthetic appeal.



## App and cloud

### View and control. Wherever you are.

Activate or deactivate your charger, view charging history, schedule charging, set up payment and more. Together, Charge Amps App and Charge Amps Cloud open up a world of possibilities.



## Green charging

### Power from the sun

Choose a better way forward for your wallet and the environment. With Green Charging you get the option to charge from your own solar panels. Easily managed in the app.

# Charging forward. Everywhere.



## At home

Intelligent charging that ensures you wake up every morning to a fully charged car.

Filling up with fuel has been an everyday activity during all our years as drivers of petrol-powered vehicles, which can be entirely eliminated if you don't have to stop to charge but take care of charging at home. If you charge smartly you can always wake up to a battery that is 100% charged, ready to take you wherever you want to go. You can even let your own solar panels act as main energy source. Making the environmental contribution even greater.



## In the garage

Future-proofed and optimised charging solutions for housing associations and joint-ownership properties.

Charging capacity gives properties of the future a competitive edge. Charge Amps has a combination of technical hardware, smart software and simplified electrical installation which provides unbeatable overall economy for the housing association and optimal charging conditions for the individual electric vehicle owner.





## At work

**Convenient and efficient charging for your employees.**

Aside from at home, the workplace is often where the employees' car spend most time. Charge Amps makes sure to provide efficient charging solutions for your employees' electric vehicles that operates seamlessly regardless of company size.



## In public spaces

**Reliable and scalable charging for the public.**

Rated as vandal-resistant, with a high moisture resistance rating designed to withstand the toughest weather conditions, chargers from Charge Amps are a perfect fit for the outdoor car park or the municipal or private multi-storey car park. These charging stations are also equipped with unique software solutions that simplify remote administration, monitoring and maintenance.

# Charge Amps Halo

With the highest IP rating on the market, a thoughtfully designed and compact form, and an extra Schuko socket\*, Charge Amps Halo combines simplicity and performance for an optimal charging experience.



## The benefits

- Made from recycled aluminium
- Smart integration with other platforms through open API
- 7.5 m fixed cable
- Charges up to 70 km per hour
- Moisture and dust proof, IP 66

## Compatible with

- Charge Amps App for planned charging and more
- Charge Amps Cloud for reporting, history, statistics and more
- Charge Amps Amp Guard for dynamic load balancing
- The function Green Charging for charging from solar panels
- Charge Amps Pole Mount for mounting on a pole
- Charge Amps Column, mounting solution



### Built to last

The Charge Amps Halo features a fixed cable that retains flexibility in temperatures down to -35°C, an extra Schuko socket\*, the highest IP rating on the market (IP 66), and LED lighting, providing illumination and direction in the dark. It's no surprise that Charge Amps Halo is the perfect charger for private residences, housing cooperatives, and company settings.

### Stay connected. Stay ahead.

Charge Amps Halo is connectable and accessible through Charge Amps Cloud and Charge Amps App. Remotely turn on and off your charger, see your charging status, and schedule your charging to when the electricity price is at its lowest. History is available in the cloud for reporting and statistics, and we send out over-the-air updates to ensure the charger always has the latest software and all features.

Charge Amps Halo is fully OCPP compliant, meaning you can connect the charger to preferred cloud service from which the charger can be managed.

#### Technical specifications

Part number	Visit <a href="http://www.chargeamps.com">www.chargeamps.com</a> for more information	
Operating temperatures	-35°C to +45°C	
Charging standard	Mode 3	
Identification	RFID	
Internet connection	WiFi, LAN (applies to certain models)	
Communication protocol	OCPP 1.6J (applies to certain models)	
Fault current protection	DC-protection integrated in the charger. External type A RCD breaker required.	
Metering	1- or 3-phase voltage, current and output power (equivalent to the Measuring Instruments Directive 2014/32/EU)	
IP rating	IP 66	
IK rating	IK 10	
Cable	7.5 m long, reinforced Diameter: 13 mm (7.4 kW and 11 kW) ±0.5 mm	
Dimensions (W × D × H)	Charge Amps Halo	262.4 × 159.4 × 203.2 mm
Weight	4 kg	

Charge Amps Halo versions	Supply voltage	Phases	Current	Connector	Electrical/ Schuko socket
Up to 7.4 kW	230/400 V 50 Hz 32 A	1	32 A**	Type 2	No
Up to 11 kW	230/400 V 50 Hz 16 A	1–3***	16 A	Type 2	Yes / No*

\*Electrical/Schuko socket is only available on some markets

\*\*3-phase connection for smoother shift of active charging phase and load balancing

\*\*\*For IT net only 1-phase 230 V

**“By simplifying and optimising the charging process, both money and the planet’s resources are saved.**

In addition, I feel confident that all charging happens in a safe way and that I can rest assured that, for example, the main fuse won’t trip.”

– Lin Valentin, house owner with a Charge Amps Halo



# Charge Amps Dawn

With a charging capacity of 22 kW, beautiful product design, and state of the art technology, Charge Amps Dawn embodies simple charging at its best.



## The benefits

- Certified MID meter
- Connected via WiFi, 4G or LAN
- Cost and time effective installation
- Charging up to 22 kW

## Compatible with

- Charge Amps App for planned charging and more
- Charge Amps Cloud for reporting, history, statistics and more
- Charge Amps Beam charging cable
- Charge Amps Amp Guard for dynamic load balancing
- The function Green Charging for charging from solar panels
- Charge Amps Pole Mount for mounting on a pole
- Charge Amps Column, mounting solution



### Take charge of charging

Being a single 22 kW type 2, AC charger, Charge Amps Dawn offers a lot of charging capacity in one socket. The beautifully designed charger is equipped with a certified MID-meter which measures and shows exactly how many kW that has been used to charge your car.

### Built for tomorrow

Designed by Joachim Nordwall, former lead designer for sports car manufacturer Koenigsegg, Charge Amps Dawn is built with the latest technology and the future in mind to create the optimal charging experience for many years to come. The installation process is easy, the charger is user friendly, and the power efficiency is unparalleled.

### Stay connected. Stay ahead.

With Charge Amps Cloud, it's easy to keep track of your chargers remotely and view current charging status. The cloud manages load balancing between the chargers and the property, and with our API solution it's possible to integrate Charge Amps Dawn with your own platform to, for example, control and use your own payment solution.

History is available in the cloud for reporting and statistics, and we send out over-the-air updates to ensure the charger always has the latest software and all features. Charge Amps Dawn is fully OCPP compliant, meaning you can connect the charger to preferred cloud service from which the charger can be managed.

### Simplified installation

Installation and configuration of the charging station is done in Charge Amps Installer App, where you'll smoothly be guided step by step through installation and local configuration. And thanks to the easy installation process, where you have the possibility to daisy chain several chargers, this is the perfect charger for semi-public areas such as housing cooperatives or office parking spaces.

### Technical specifications

Part number	Visit <a href="http://www.chargeamps.com">www.chargeamps.com</a> for more information
Charging current	6–32 A, 1- or 3-phases
Voltage	230/400 V
Operating temperatures	-35°C to +45°C
Identification	RFID
Charging standard	Mode 3
Connectivity	WiFi, 4G LTE-M, Bluetooth, LAN applicable with separate module
Communication protocol	OCPP 1.6J
Fault current protection	Built in RCD Type-B complying with IEC 60947-2. AC: 30mA, DC: 6mA
Metering	MID, 3-phase voltage, current and power
IP rating	IP 54
IK rating	IK 10
Socket	Type 2, 22 kW
Dimensions (W × D × H)	250 × 145 × 378 mm
Weight	3.5 kg
SIM card	Included in the charger

# Charge Amps Aura

With the possibility to charge two vehicles simultaneously up to 22 kW per socket, Charge Amps Aura is the result of Swedish industrial design at its very best. Just as efficient as it is elegant.



## The benefits

- Made from recycled aluminium
- Smart integration with other platforms through open API
- Charges two vehicles simultaneously with up to 22 kW
- Connected via WiFi, 4G or LAN

## Compatible with

- Charge Amps App for planned charging and more
- Charge Amps Cloud for reporting, history, statistics and more
- Charge Amps Beam charging cable
- Charge Amps Amp Guard for dynamic load balancing
- The function Green Charging for charging from solar panels
- Charge Amps Pole Mount for mounting on a pole

### Scandinavian design at its finest

Charge Amps Aura is built from sustainable recycled aluminium, thoughtfully conceived by industrial designer Joachim Nordwall, former lead designer for sports car manufacturer Koenigsegg.

### Ready for tomorrow's demands

The need of being able to charge two cars at the same time is growing. Charge Amps Aura enables two vehicles to charge simultaneously up to 22 kW. This is convenient for house owners with more than one EV and larger installations such as office spaces, commercial areas, and housing cooperatives. A charging station with two outlets, enables less installation work and cost savings, at the same time providing several charging sockets on less surface.

### Stay connected. Stay ahead.

Charge Amps Aura is connectable and accessible through Charge Amps Cloud and Charge Amps App. Remotely turn on and off your charger, see your charging status, and schedule your charging to when the electricity price is at its lowest. History is available in the cloud for reporting and statistics, and we send out over-the-air updates to ensure the charging station always has the latest software and all features.

In addition, Charge Amps Aura can also connect to OCPP-compatible cloud services so that you can manage most functions yourself. These might include scheduling, load balancing, or adding payment functions.

#### Technical specifications

Part number	Visit <a href="http://www.chargeamps.com">www.chargeamps.com</a> for more information
Charging current	6–32 A, 1- or 3-phase per socket
Voltage	230/400 V
Charging standard	Mode 3
Operating temperature	-35°C to +45°C
Identification	RFID
Internet connection	WiFi, LAN and 4G (applies to certain models)
Communication protocol	OCPP 1.6J (applies to certain models)
Fault current protection	Separate DC fault current protection and a type A RCBO are integrated into the charger for each socket
Metering	3-phase voltage, current and output power (equivalent to the Measuring Instruments Directive 2014/32/EU)
IP rating	IP 55
IK rating	IK 10
Sockets	Type 2, 2 × 22 kW simultaneously
Dimensions (W × D × H)	367 × 159 × 405 mm
Weight	10 kg

#### Specifications for Charge Amps Aura 4G

RF Technology	GSM, GPRS, EDGE, UMTS/HSPA+, LTE
Max RF output power	32 dBm@GSM, 24 dBm@WCDMA, 23 dBm@LTE
SIM card	Standard SIM





“During certain periods, such as when summer turns to autumn, our house switches to geo-thermal heating and we frequently use our pool, hot tub and sauna. Our home’s consumption of electricity is really at its peak then.”

After renovating their house, it was equally important for the Westin family to find an aesthetically pleasing charger, as a functional one. It needed to suit their large, modern house and manage power consumption smartly and efficiently. Especially during colder and darker seasons when electricity consumption is at its highest.

– Thomas Westin, villa owner with Charge Amps Aura

# Charge Amps Beam

Tough against harsh weather, and smoother to use than ever. Charge Amps Beam is the perfect companion for your charger.



## The benefits

- A robust cable that withstands tough handling
- Easy to use in all weather conditions, withstands temperatures between -35°C to +50°C
- Available in three different variations: 7.4 kW / 13.8 kW / 22 kW
- Six meters long for optimal reach
- Unique complete moulded ergonomic handle, keeping sand and moisture out

## Compatible with

- AC-chargers and electric vehicles with type 2 socket

**A cable more than capable**

The cable Charge Amps Beam is six meter long which in our opinion is an optimal length, to easily reach the charging station, while being easy to handle and easy to store. It has an ergonomic and moulded handle which provides a firm grip while keeping dirt and moisture out.

**Smooth from hot to cold**

Charge Amps Beam is designed to withstand the toughest of weather conditions. It can handle both high and low temperatures, and is bendable even at low temperatures. All for a safe and trouble-free charging experience, regardless of where in the world you live.



Technical specifications				
Part number		Visit <a href="http://www.chargeamps.com">www.chargeamps.com</a> for more information		
Operating temperatures		-35°C to +50°C		
IP rating		IP 44		
Charging standard		Mode 3		
Cable length		6 m long		
Connector		Type 2		
Power, kW	Voltage, V	Phase	Current, A	Weight, kg
7.4	250	1	32	2.3
13.8	480	3	20	2.15
22	480	3	32	3.3

# Charge Amps Amp Guard

Charge Amps Amp Guard is a smart power monitor that optimises charging in relation to other loads in the property. It is connectable to WiFi or LAN and enables charging with solar panels through Green Charging.



## The benefits

- Optimises and ensures that charging only transpires on available energy, preventing fuses from blowing
- Easy assembly and installation, avoiding wiring between the charger and the energy meter
- A single unit controls an unlimited number of EV chargers
- Connected via WiFi or LAN
- Neat and compact, takes up little space in the electrical enclosure

## Compatible with

- Charge Amps Cloud for dynamic load balancing
- Charge Amps App for charging from solar panels via the function Green Charging
- Charge Amps Dawn
- Charge Amps Aura
- Charge Amps Halo



**Maximising your charging experience**

Charge Amps Amp Guard is the perfect complement to your charger. It offers dynamic load balancing which lets you charge your car with the maximum available energy, while avoiding fuses from blowing. All for a faster, safer and problem free charging experience. Charge Amps Amp Guard is a small and effective power monitor. It only needs 2 DIN spots in the electrical enclosure, one for the physical unit and one for the power supply.

Furthermore, Charge Amps Amp Guard enables charging from your solar panels via Green Charging.

**Easy assembly and installation**

Installing our load balancer is a seamless and efficient process. The wireless connection between Charge Amps Amp Guard and the charging station not only saves you time but also eliminates the need for excessive cabling between the devices. The installation is confined to the electrical cabinet, ensuring a straightforward, speedy, and hassle-free setup.

For those wishing to utilise Charge Amps Amp Guard with multiple chargers within the same installation, configuring it to work with several charging stations is both convenient and smooth. You easily make the configuration in Charge Amps Cloud, even after the initial installation. This is simplicity at its finest!



Technical specifications		
Part number	Visit <a href="http://www.chargeamps.com">www.chargeamps.com</a> for more information	
Measuring range (current)	± 0–63 A, 1- to 3-phase	
Measuring range (voltage)	85–256 VAC	
Network	LAN, WiFi 2.4 GHz	
Power supply	12 VDC 0.5 A, provided by the included 230 VAC 50 Hz power supply, or from other source	
Operating temperature	-35°C to +55°C	
Safety rating	CAT III 300 V	
Installation	DIN rail mounting 1M Charge Amps Amp Guard, 1M power supply	
Current sensor cable length (to maintain measurement accuracy, the charging cable must not be tampered with)	80 cm	
Maximum cable diameter for current sensors	10 mm	
Dimensions (W x D x H)	Charge Amps Amp Guard	17.5 × 73* × 100 mm
	Power supply	17.5 × 58 × 90 mm

\*86 mm with WiFi antenna

"At first we wavered between a couple of different suppliers, but ultimately there was really no doubt that we'd go for a Charge Amps Halo. It had a stylish design, and a cable that could withstand the cold really well. The performance of the charging station was incredibly good, as were the price and functionality.

After acquiring a new Volvo XC40 Pure Electric, it was important for the Nordin family to find the sweet spot between style, function and price."

– David Nordin, Charge Amps Halo owner





# Power your business

## We strengthen your business

Grow your business with intelligent charging solutions for electric vehicles that connect car to building, and beyond. Sustainably produced, beautifully designed, and ready to push the boundaries of an electrified tomorrow. For you and your customers.

For the past decade we have worked in close collaboration with partners and retailers, together optimizing payment solutions, streamlining logistics and strengthening delivery security to become a partner you can rely on.

## Ready to become partners?

If you are interested in becoming one of our wholesalers, retailers or partners, we are happy to help you get started. Today we collaborate with energy companies, retailers, the public sector, car companies and many more.



“With intelligence as our guiding star, paired with sustainability and strong aesthetics, we have taken the lead in the rapidly growing market for charging solutions.

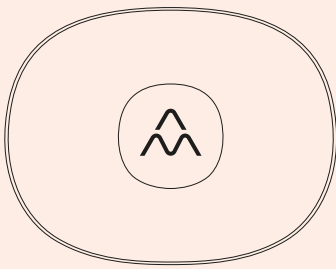
It is a position we intend to keep, which is why we will never stop questioning how big a role a charger can play in people’s lives.”



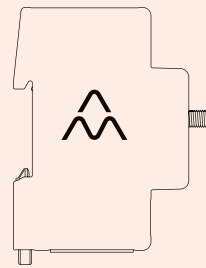
Fredrik Jonsson,  
Head of Innovation, Charge Amps

# Our products and services

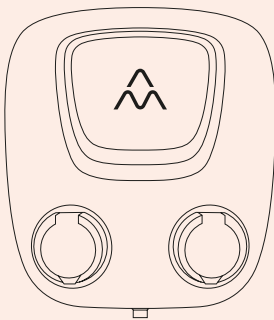
We make it easier for you to manage our solutions and meet your customers' needs.



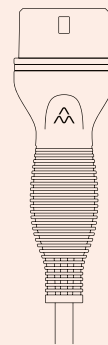
Charge Amps **Halo**



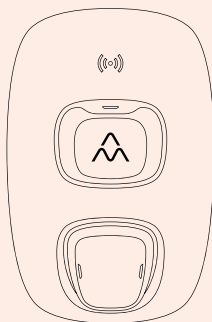
Charge Amps **Amp Guard**



Charge Amps **Aura**



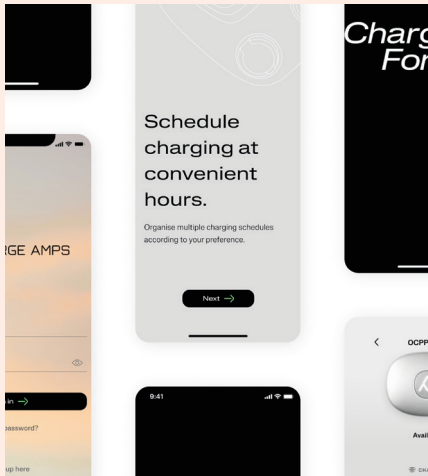
Charge Amps **Beam**



Charge Amps **Dawn**

# Our services

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## Charge Amps App

Paired with any of our chargers, the Charge Amps App provides the optimal charging experience. It enables charging from solar panels, scheduling charging, remote activation or deactivation, and more. Available on App Store and Google Play.

- Activate/deactivate charging
- Schedule charging
- View charging history
- Choose LED brightness
- Turn on/off LED lighting (Charge Amps Halo)
- Lock charging cable in place
- Charge with solar energy through the function Green Charging



## Charge Amps Cloud

Whether you are a business owner or a regular customer, a connected charging station opens up a world of possibilities. Our cloud has three levels of administration, and our REST API facilitates an infinite number of integrations with other platforms and applications.

- Custom templates to display relevant data
- Statistics on charging history and your charging stations
- Enable NFC tagging to allow only authorized users
- Energy management efficiency optimising your charging, i.e., phase rotation, and dynamic load balancing between the building and an unlimited number of chargers within the same installation
- Open API for seamless integration with payment or IT systems
- Continuous and automatic software updates to the charging station



## Green Charging

Green Charging enables you to charge from your own solar panels, saving money and reducing your footprint along the way. You can use self-produced electricity during the day and switch to the grid at nighttime if needed. Green Charging can make the switch automatically or you set it up yourself. Either way, there is everything to gain from letting home-made electricity power your car.

- Simple setup and fully controllable in the Charge Amps App
- Enables charging from own solar panels
- Environmentally friendly
- Cost efficient
- Enables self-sufficiency





# Speed up installation with Charge Amps Academy

Become a certified Charge Amps installer by attending our educational programs. At Charge Amps Academy you will find courses for installers, partners and sellers. Our range of courses are constantly developed and updated as new technical possibilities are introduced and our product range expands.

All our courses are available online via the Learnifier app which can be found in App Store or Google Play.

## Steps

- Download the Learnifier app in App Store or Google Play
- Find and open the Charge Amps Academy
- Create your account
- Complete courses and get your certification



# “When we designed our Volkswagen plant, we wanted to think from the beginning and prepare for the future.

It seemed natural to work with Charge Amps to lay the foundation of our major investment in electric vehicles. And now that we're expanding with another new facility, Charge Amps was the obvious partner to us.”

– Emil G, Aftén Bil (car dealer)



# Our history



2012

Our founders Fredrik Jonsson and Boel Ryden launched Charge Amps with a first product: Spark, a charging cable that revolutionised the industry. We also started to build charging cables for the Nordic markets.



2015

Our first EV charging station Charge Amps Halo was launched. Designed in a new distinctive style and with a high level of user friendliness, it rapidly became a best-seller.



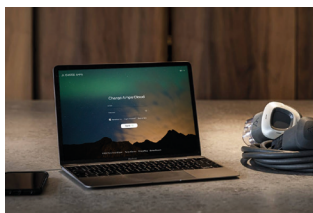
2016

We launched our ground-breaking cloud SW platform – Charge Amps Cloud. Several years on we are still at the cutting edge in the development of innovative solutions and software.



2019

We launched our second EV charging station – Charge Amps Aura, made of durable recycled aluminium, and designed by industrial designer Joachim Nordwall, former lead designer of sports car manufacturer Koenigsegg. We also launched our dynamic load balancing solution – Charge Amps Amp Guard.



2021

Charge Amps App was launched, making it possible for IOS and Android users alike to remotely control their charging stations. The company experienced continued strong growth and for the first time exceeded 100 MSEK.



2022

Charge Amps expanded to new markets including Germany, Spain, UK, and Finland, and sold products in more than 15 markets globally. The number of employees grew from approximately 30 to 110, working across nine countries.



2022

A new dawn is here, more precisely Charge Amps Dawn. Our third EV charger with a charging capacity of 22 kW, beautiful product design, by Joachim Nordwall from J. Nordwall Design, and state of the art technology, Charge Amps Dawn embodies simple charging at its best.

Charge Amps is a pioneering provider of charging solutions for electric vehicles. Through intelligent and sustainably produced products, Charge Amps accelerates the shift towards electric mobility. Today, the company operates in nine countries and works toward end consumers, retailers and larger companies.

Find out more at [www.chargeamps.com](http://www.chargeamps.com)

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