

Charge Amps Cloud Service

Elevate your success in EV charging

Explore Charge Amps value proposition, combining functional aesthetically pleasing products with advanced software intelligence for the benefit of charging service providers as well as the EV drivers.

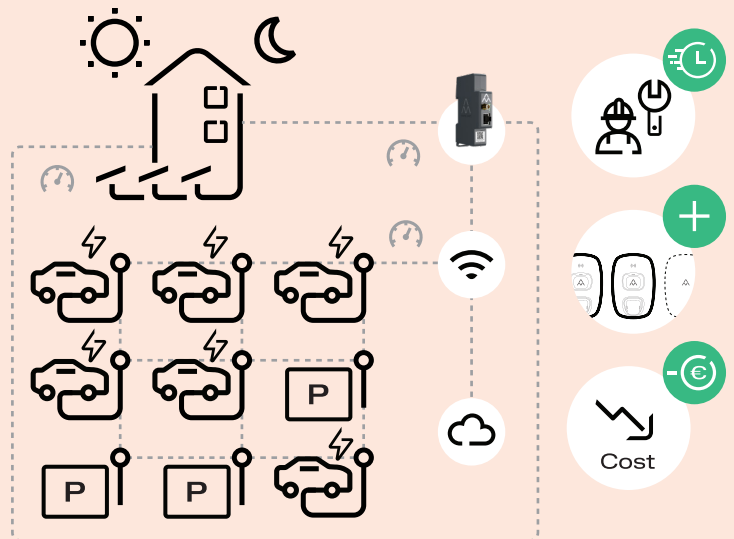
A connected charging station is just the start. It's what is in the cloud and mobile apps that creates the tangible value, making everyday life easier for charge point operators. Charge Amps excels in two primary areas: Operational Efficiency and Energy Management. This results in reduced cost, increased revenue, improved utilisation of available energy and greater satisfaction among EV customers.

What our solution offers:

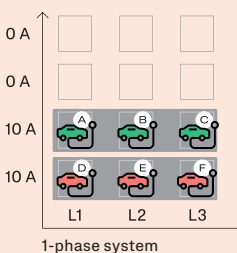
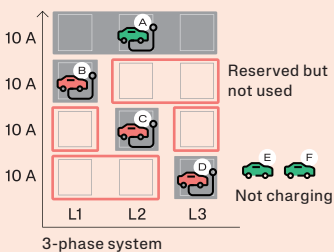
Operational Efficiency

Rapid and economic deployment with quality

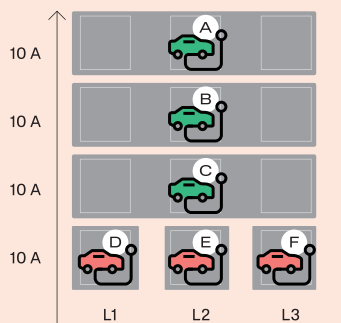
- Reduced labour and material costs
- Less time on site with remote (re) configuration and maintenance
 - Save up to 50% on installation time
 - Save up to 90% on configuration time
- Reduced on-site human errors. The system "thinks on your behalf"
- No physical rotation of cables at installation. No master/slave units
- Rapid expansion by simply adding more chargers with automatic reconfigurations
- Remote (re)configuration and maintenance – reducing site work



Conventional model



Charge Amps model



BEV (3-phase) PHEV (1-phase)

Example: Max 40 A, 6 cars

Energy Management

Better use of energy for profit and sustainability

- Maximize the kWh used – and billed
- Utilize available power to its full capacity, avoiding having to contract more power
- More cars can charge simultaneously
- Democratic distribution of available energy
- Continuous automatic search for an optimal combination of phases & load
- Dynamic rotation 3phase>1phase and vice versa during an active charging session

Charging Efficiency as a Service

Seamless connection with your CPMS Software

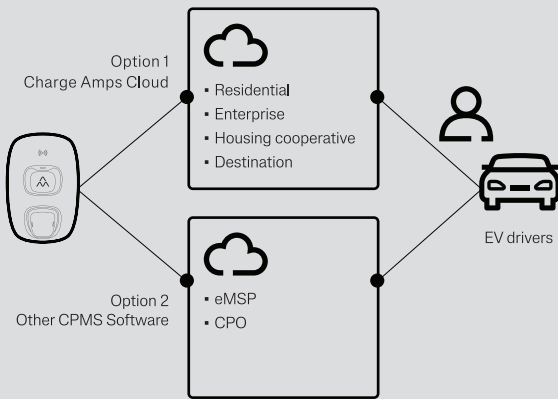
The best of two charging systems joining forces. The Charge Amps Cloud provides advanced energy management features, and can now work in parallel with your chosen Charge Point Management System (CPMS). Seamlessly integrating the capabilities of both environments to optimize charge point operation with your chosen monetization features. We enable the best charging performance and call it Charge Amps Charging Efficiency as a Service (CEaaS). This results in a unique cloud experience addressing two key needs:

How to use available electrical capacity in the most efficient and optimal way

How to monetize and manage an EV charging service

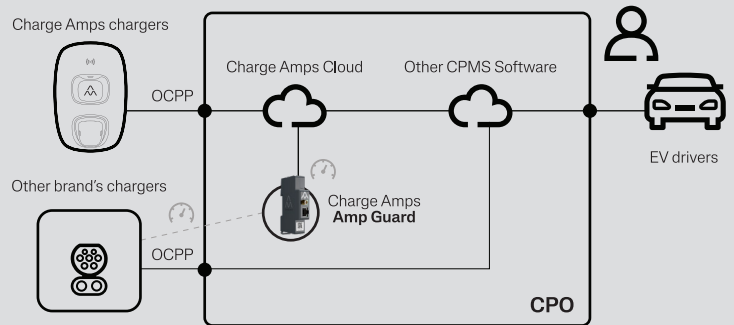
Conventional model

one of two options



Charge Amps CEaaS model

combining the best of two worlds



The Operators charge point management system is directly connected via OCPP to Charge Amps Cloud. This connection enables customers to control monetization and business aspects using the OCPP Core Profile in their preferred system. In parallel, the optimization of charging is handled through Charge Amps Cloud.

Activate CEaaS to benefit from two systems that interact as one

- Operational view through Charge Amps Cloud Services
 - Dynamic energy management
 - Operational efficiency
 - Charger maintenance
 - System updates*
- Business view through your chosen CPMS SW
 - Mobile app / QR code
 - Monetization (tariffs, payment method, billing)
 - EV driver support
 - Geo-localization
 - OCPI roaming Installation & configuration*

*Non-exhaustive list

To learn more and test CEaaS, contact Charge Amps Sales team at sales@charge-amps.com

The benefits

- Maximized billable kWh to increase profitability
- Rapid system setup with seamless OCPP integration
- Flexibility to choose between the conventional or CEaaS models
- Optimal charge point operation coupled with selected monetization capabilities
- Tailored cloud solution to meet customers' needs

About Charge Amps

Charge Amps is a pioneering provider of charging solutions for electric vehicles.

chargeamps.com