

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 once getting the charger connected via Bluetooth. In the app you'll smoothly be guided step by step through installation and local configuration. For larger installations the process is even more simplified since the app enables the possibility of copying the configuration from the first charger to the other chargers. In addition to this you can daisy chain the electric cables between chargers. Charge Amps Dawn is truly a perfect charger for semi-public areas such as housing cooperatives or office parking spaces.

For an even more efficient installation, you can choose Charge Amps Dawn Professional for larger installations. The charger comes with a pre-installed LAN-module for a stable network connection, as well as pre-installed MCB and terminal block for daisy chaining the power cables. Charge Amps Dawn Professional comes equipped with everything you need straight out of the box. This charger is tailor-made for greater settings like shopping malls, where multiple chargers can be effortlessly linked in series.

Technical specifications

Part number	Visit www.chargeamps.com 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

Technical specifications Charge Amps Dawn Professional

Short circuit safety	Included, 32A C curve
Incoming power cable, conductor dimensions	Installing from top or bottom: 16 mm ² . Installing from back: 10 mm ²

*Coverage via the LTE/LTE-M network is required for 4G connectivity to work. 4G connectivity (LTE/LTE-M) is included.