



CHARGING STATION

# Charge Amps Halo

- The highest IP rating on the market
- Charge Amps Halo OCPP can be connected to your own cloud service
- Made from recycled aluminium
- Extra Schuko socket
- 7.5 m fixed cable



This small yet powerful charging station is OCPP compatible and can be connected to any cloud service. With the highest IP rating on the market, a well-designed and compact form, and an extra Schuko socket, it is no surprise that Charge Amps Halo is our best seller.

Charge Amps Halo has LED lighting that lights up and guides the user in the dark, a fixed cable that is flexible and bendable even at temperatures as low as  $-25^{\circ}\text{C}$ , an extra Schuko socket for a passenger compartment heater, and the highest IP rating on the market (IP 66). Quite simply, a complete charging station that truly is designed for our tough Nordic climate.

## Can be connected to any cloud service

Charge Amps Halo can be connected and available to your own cloud service through OCPP. The charging stations can be updated over the air, which is done within your own cloud service. As soon as the station is connected, you can manage a number of functions yourself, such as scheduling charging, updates and adding payment functions.





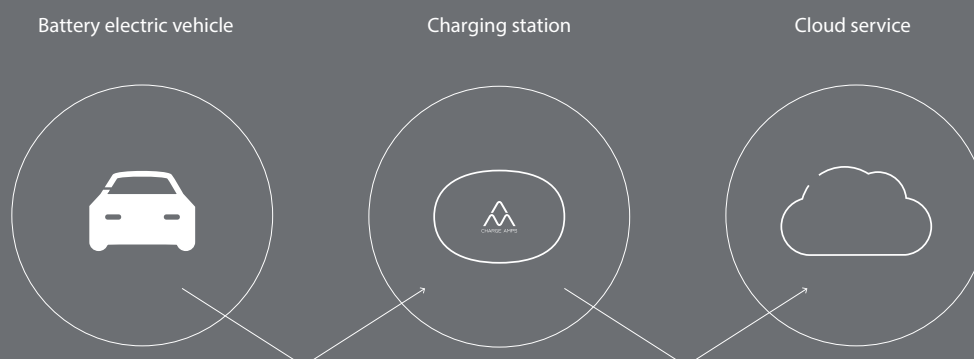
## OCPP – Open Charge Point Protocol

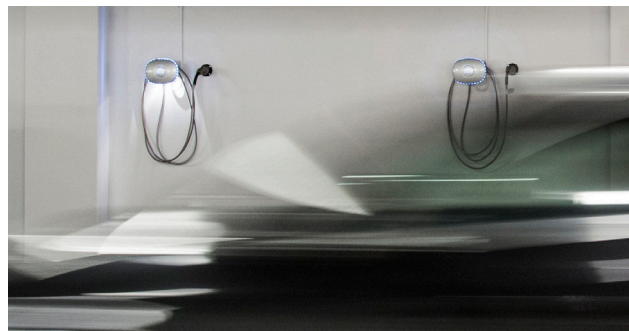
OCPP is an open protocol that facilitates the exchange of information between charging stations and cloud services. It facilitates the management of charging points and the monitoring of charging stations through, for example, reporting, remote operation, settings and smart charging features.

Charge Amps Halo complies with the international OCPP standard 1.6J in accordance with the Open Charge Alliance (OCA). By complying with the OCPP standard, this opens up interoperability between the charging station and the charging network. This means that Charge Amps Halo can be connected to all the different cloud services that support OCPP 1.6J.

Charge Amps Halo is OCPP compatible and can be connected to any cloud service. As charge point operator, you are responsible for:

- The charging station's firmware updates
- Providing your own load balancing function
- Providing your own scheduling function
- Cloud service support





## TECHNICAL INFORMATION

Operating temperatures:	-30°C to +45°C				
Charging standard:	Mode 3				
Identification:	RFID				
Connection to the internet:	WiFi, LAN				
Compatibility:	OCPP				
RCD tripping characteristics:	DC protection is integrated into the charging station. An external type A RCD is needed				
Metering:	1 to 3-phase voltage, current and 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 x D x H):	Charge Amps Halo: 262.4 × 159.4 × 203.2 mm. EV connector: 81 × 125 × 88 mm				
Weight:	4 kg				

Halo version	Power supply	Phases	Current	Connector	Electrical/Schuko socket
7.4 kW	230/400 V 50 Hz 32 A	1	1-phase 32 A**	Type 1 or type 2	No
11 kW	230/400 V 50 Hz 16 A	3	3-phase 16 A	Type 2***	Yes*

\*An electrical/Schuko socket is eliminated entirely for certain markets.

\*\*3-phase connection making it easier to change the active charging phase as well as load balancing.

\*\*\*Can be supplied with a single-phase type 1 cable.