

# 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 charging in relation to other loads in the property
- 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 chargers
- Connected via WiFi or LAN
- Neat and compact, takes up little space in the electrical enclosure
- Handles up to 63 A, 1- to 3-phase

## Compatible with

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

## 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.

## Small. Built for more.

Charge Amps Amp Guard is small, yet more effective than most power monitors. It only needs 2 DIN spots in the electrical enclosure, one for the physical unit and one for the power supply, and thanks to connectivity to Charge Amps Cloud it can control dynamic load balancing to an unlimited number of chargers. Furthermore, Charge Amps Amp Guard enables charging from your solar panels via Green Charging.

### Technical specifications

Part number	Visit <a href="https://chargeamps.com">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

\*78 mm with WiFi antenna (from DIN rail)

## About Charge Amps

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 [chargeamps.com](https://chargeamps.com)

