

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 www.chargeamps.com 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