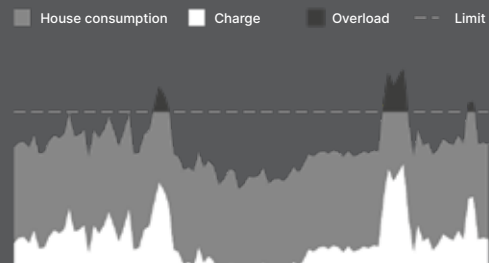DYNAMIC LOAD BALANCER

Charge Amps Amp Guard Home

Amp Guard is a smart power monitor that optimises charging in relation to other loads in the property. It is configured via WiFi or LAN and, as in the example below, can work together with solar panel installations.

Current consumption without Amp Guard

Example from customer in a detached house with solar panels and 16 A electrical connection. Overload occurs in the morning, around dinnertime, and in the evening. The fuse is tripped in the dark grey area.

Total charging capacity: Approx. 55 kWh/day

House consumption Charge Overload — — Limit

Current consumption with Amp Guard

Amp Guard regulates the charging current so that it maximizes without fuses tripping.

Total charging capacity: Approx. 75 kWh/day

TECHNICAL INFORMATION

Article number:	E2480082, 101205
Measurement area:	0–100 A
Network connection:	WiFi, LAN
Power supply:	230VAC 50/60Hz (via the voltage/power supply terminal)
Installation:	DIN-rail (6 modules)
Dimensions:	108 × 97 × 57 mm
Weight:	385 gram

35%*
Faster charging

*If the car can take full advantage of the available power