

Green Motion Home Technical datasheet



Powering Business Worldwide

Discover Green Motion Home

Eaton Green Motion Home is an AC electric vehicle charger specifically designed for indoor and outdoor use in private parking facilities for single homes. This electric vehicle charging station provides multiple benefits:

- Safe EV charging based on a proven EV charging technology
- Convenient charging suited to all types of private electric vehicles



Customizable EV charger suited to all types of applications in homes

Green Motion Home has been designed for indoor or outdoor use and can be customizable with a wide range of options. The AC EV charger meets the charging specifications of all types of electric vehicles using Mode 3 charging and features a Type 2 connector. It can be wall- or floor-mounted, with a socket or an integrated cable with plug.



A future proof EV charging

The maximum output power of the Green Motion Home can be adjusted if required, this will allow the user to match the output power of the Green Motion Home to the on-board charger in their new car without any expensive installation changes. Only in case of an upgrade to 22 kW a change of cable and connector might be necessary.



Simple and easy-to-use

EV users can simply plug their electric vehicles and charge. A dedicated mobile application enables secure charging and user-friendly control.

Technical specifications

Technical disclaimer

All drawings, descriptions or illustrations contained in this document serve to provide a clear overview and/or technical explanation of the present product and its various components and accessories. In line with our goal to continuously improve the products and the customer service we provide, all specifications contained in this document are subject to change without notice.

Technical specifications

Power input		AC EV charger
Input voltage	1 x 230 V 50 Hz – 1 phase 3 x 400 V 50 Hz – 3 phase	
Earthing system compatibility	TT, TN	
Input current	1 x 16 A (3.7 kW) – 1 phase 1 x 32 A (7.4 kW) – 1 phase 3 x 16 A (11 kW) – 3 phase 3 x 32 A (22 kW) – 3 phase	
Power output		
Output power	3.7 kW to 22 kW	
Output type	Type 2 cable or Socket (T2 or T2S)	
Type of cables	Straight	
Simultaneous charging	1	
Environmental		
Operating temperature	–25 °C to +45 °C	
Altitude	Up to 2000 m	
Installation	Wall-mounted, indoor or outdoor	
Humidity	< 95 % relative humidity	
Mechanical		
Mounting method	Wall-mounted Floor-mounted column (Optional)	
Dimensions (W x H x D) in mm	285.5 x 264 x 116	
Weight without cable	3 kg	
Cable length	5 meters	
Standards		
Conformity	IEC 61851-1	
Degree of protection	IP54	
DC Earth leakage detection	Built in 6mA DC protection	
Impact strength	IK08	
Warranty		
Warranty	5 or <5 years	
Segment		
Segment	Private use	
User interface and control		
User interface	LED strip status indicator	
Access control	iOS and Android mobile application	
Connectivity		
Communication interface	Wi-Fi Ethernet	
Protocol	OCPP 1.6J	

Certifications and standards

General	
Charging mode	Mode 3 in accordance with EN/IEC 61851-1 AC charging
Cable	
Version	Type 2 cable: up to 32 A/400 V AC in accordance with EN/IEC 62196-1 and EN/IEC 62196-2
Electromagnetic compatibility	
Product	EN 61851-21-2, EN 61000-6-1, EN 61000-6-3, EN 61000-3-3, EN 61000-3-11, EN 61000-3-12

