

xChargeIn Home Technical datasheet





Discover xChargeIn Home

Eaton xChargeln 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

xChargeIn 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 an integrated cable with either a Type 2 connector or a socket. It can be wall- or floor-mounted, with a socket or a plug.



A future proof EV charging

The maximum output power of the xChargeIn Home can be adjusted online if required, this will allow the user to match the output power of the xChargeIn 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, automatic firmware updates 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

Input voltage 1 x 230 V 50 Hz - 1 phase 3 x 400 V 50 Hz - 3 phase 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 3 x 32 A (22 kW) - 3 phase 3 x 32 A (22 kW) - 3 phase 3 x 32 A (22 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 (Mode 3) or Socket (T2S) Type of cables 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 Weight without cable -3 kg Cable length 5 meters STANDARDS Conformity IEC 61851-1 Degree of protection IP54 Earth fault protection Built-in 30mA AC and 6mA DC RCMU Impact strength IK08 WARRANTY Warranty Segment Private use USER INTERFACE AND CONTROL User interface LED strip status indicator Access control OONNECTIVITY Communication interface Wi-Fi, RS485, Modbus RTU/TCP, Ethernet Protocol OCPP 1.6J	POWER INPUT	
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