

Specifications



Eaton

GMB2203BAAA00A00

Eaton Green Motion Building, EV charging station, Online, Adjustable output power 3,7 kW to 22 kW (single-phase or 3-phase), 5 m Type 2 cable, RFID, MID energy meter

General specifications

PRODUCT NAME	Eaton Green Motion Building EV charging station
CATALOG NUMBER	GMB2203BAAA00A00
MODEL CODE	GMB 3.7-22kW 5m T2C MID
EAN	3553340301841
PRODUCT LENGTH/DEPTH	116 mm
PRODUCT HEIGHT	291 mm
PRODUCT WIDTH	263 mm
PRODUCT WEIGHT	5.3 kg
COMPLIANCES	IEC 61851-1 CE Marked



Powering Business Worldwide

Product specifications

SPECIAL FEATURES

- Eaton Green Motion Building is an AC electric vehicle charger specifically designed for indoor and outdoor use in private and public parking facilities for multi-residential, light commercial and industrial applications.
- - Safe EV charging
- - Proven EV charging technology
- - Convenient charging suited to all types of private electric vehicles
- - Type 2 cable or socket
- - Compact
- - Wall- or floor-mounted
- - Future proof EV charging with easily adjustable output power
- - RFID and mobiles applications
- Can be integrated with any OCPP 1.6j-based CPO software
- Certified MID meter
- Static and dynamic load balancing
- Grid stability through phase balancing
- Modbus TCP/IP to integrate with Energy Management Systems

AMPERAGE RATING	32 A
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VOLTAGE RATING	400V
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OPERATING TEMPERATURE	-25°C to 45°C
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Resources

DECLARATIONS OF CONFORMITY

[Green Motion Building Product CE certification - EN](#)

INSTALLATION INSTRUCTIONS

[Green Motion Building Installation Manual - EN](#)

[Safety guidelines - EN, DE, FR, NL, NO](#)

[Green Motion Building Quick start guide - EN](#)

MANUALS AND USER GUIDES

[Green Motion Building Cybersecurity recommendations - EN](#)

[Green Motion Building User manual - EN](#)

MULTIMEDIA

[Introducing Eaton Green Motion Building EV Charger](#)

TECHNICAL DATA SHEETS

[Green Motion Building Technical datasheet - EN](#)

WARRANTY GUIDES

[Green Motion Building Product warranty - EN](#)

NFC (NEAR FIELD COMMUNICATION)	No
NETWORK-ENABLED AS A MASTER	Yes
DC RESIDUAL CURRENT DETECTION	Yes
CONTACTOR WELDING DETECTION	Yes
EXPORT OF CHARGING LOGS	No
OPERATION AND CONFIGURATION BY APP	Yes
CONNECTABLE CONDUCTOR CROSS SECTION - MIN	10 mm ²
WITH BUILT-IN RFID CARD READER	Yes
WITH KEY SWITCH	No
OPEN CHARGE POINT PROTOCOL (OCPP) VERSION	1.6
PLUG AND CHARGE (ISO 15118)	No
NETWORK-ENABLED AS AN EXTENDER	Yes
CHARGING CABLE PERMANENTLY LOCKABLE AT CHARGING DEVICE	Yes
NETWORKABLE VIA LAN	Yes
WITH MID COMPLIANT ENERGY METER	Yes
STATIC LOAD MANAGEMENT INTEGRATED	Yes
SUITABLE FOR DYNAMIC LOAD MANAGEMENT	Yes
BACKEND INCLUDED IN DELIVERY	No
CALIBRATION LAW COMPLIANT	No
RADIO STANDARD 5G	NO
NETWORKABLE VIA WI-FI	YES
INPUT VOLTAGE-MIN	230 V
INPUT VOLTAGE-MAX	400 V
CABLE TYPE	Type 2 connector
FITTED WITH:	Load management

	Energy meter Communication interface
FREQUENCY RATING	50 Hz
ENCLOSURE MATERIAL	Plastic
DEGREE OF PROTECTION	IP54 IK08
CORD LENGTH	5 m
NOMINAL CONNECTION POWER	22 kW
NUMBER OF CHARGING UNITS	1
NUMBER OF CIRCUIT BREAKERS (EARTH LEAKAGE TYPE A)	0
NUMBER OF CIRCUIT BREAKERS (EARTH LEAKAGE TYPE B)	0
NUMBER OF SOCKET OUTLETS (HOUSEHOLD)	0
NUMBER OF SOCKET OUTLETS (CEE)	0
NUMBER OF SOCKET OUTLETS (GB)	0
NUMBER OF SOCKET OUTLETS (TYPE 2)	0
NUMBER OF SOCKET OUTLETS (TYPE 3)	0
NUMBER OF VEHICLE CONNECTORS (CHADEMO)	0
NUMBER OF VEHICLE CONNECTORS (GB AC)	0
NUMBER OF VEHICLE CONNECTORS (GB DC)	0
NUMBER OF VEHICLE CONNECTORS (TYPE 1 CCS)	0
NUMBER OF VEHICLE CONNECTORS (TYPE 1)	0
NUMBER OF VEHICLE CONNECTORS (TYPE 2 CCS)	0
NUMBER OF VEHICLE CONNECTORS (TYPE 2)	1
POWER PER CHARGING POINT - MAX	22 kW
PHASE	Three-phase

LED LAMP NUMBER	1
PACKAGE CONTENTS	<ul style="list-style-type: none"> • Green Motion Building EV charger • Quickstart guide • Safety guidelines • Drilling template • Adhesive gaskets • Ethernet extender
LENGTH OF CHARGING CABLE	5 m
FUNCTIONS	Access control
INSTALLATION SIDE CONNECTION MODEL	3-phase
PROTOCOL	OCP
MOUNTING METHOD	Wall mounting

PROJECT NAME:

PROJECT NUMBER:

PREPARED BY:

DATE:



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