

Intelligent EV AC Charger 22kW (MID)

EMN022AS0GM



3 Phases



Type 2 Socket



INTERFACE
LAN / WLAN / RS485



RFID



Fuse



LCD Display



IP65 & IK10

Produkt-Info / Product info



With this **3-phase** EM2GO EV charging station with **type 2 socket**, you can charge your e-vehicles safely and quickly with up to **22 kW** power. The EM2GO Wallbox with **intelligent control** has a variety of **communication interfaces** for backend control. With the **cellular modem**, secure mobile data transmission is possible via EDGE, 3G or LTE/4G with appropriate **SIM card**. Multiple wallboxes can be interconnected with **local load management** to share available power. The wallbox is equipped with an integrated **energy meter (MID)** to perform tamper-proof and **kilowatt-hour accurate billing**.

The wallbox has an **RFID card reader**. The built-in **all-current sensitive residual current unit (RCMU)** protects against fault currents during a charging process. The **4.3 inch color display** informs you about the current state of charge, charge voltage, current and power during the charging process. An **LED band** indicates the status of the wallbox and informs about the proper charging process.

The EM2GO EV charging station is equipped with **intelligent electronics**. So your vehicle is **well protected** against over/under voltage, fault currents, short circuits and high temperatures. The integrated **safety lock** on the back of the wallbox allows easy installation and protects against theft.

The EV charging station is delivered together with the **becharged dashboard**. After registration, the charging station can be conveniently controlled and managed via the central dashboard, **including APP**. The becharged dashboard includes the overview of the charging station/user and the **graphical evaluations** of the **charging processes**. Transactions made can be exported for reporting purposes. Simple load management allows to limit the amount of electricity used by the charging station. Additional features, such as billing services can be enabled through value-added services in the becharged dashboard.

Technische Daten:

- Operating voltage: 400V AC $\pm 10\%$, 50-60 Hz
- Operating current: 32 Amps
- Max. Output power: 1-phase 32A bis zu 7.4kW / 2-phase 32A bis zu 14.7kW / 3-phase 32A bis zu 22kW
- Charging connection: Type 2 socket
- Local load management
- Integrated calibrated energy meter (MID)
- Display: 4.3 inch LCD screen, LED band
- Phase mode: 3 phases + N + PE
- Interfaces: RS-485, Ethernet (RJ-45), WLAN (2.4GHz)

- Integrated cellular modem (EDGE/3G/LTE)
- Backend connection: OCPP standard 1.6-J (WS & WSS)
- ModBus TCP support
- Integrated RFID card reader
- Safety: All-current sensitive residual current unit (RCMU), emergency stop button, over temperature, over/under voltage, over current, grounding protection
- Operating temperature: -30 to +55 °C
- Housing: IP65 & IK10, splash-proof
- Dimensions: 435 x 270 x 140 (H×W×D)
- Weight: 6 kg

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Technische Änderungen vorbehalten / Improvement and changes of the technical specifications and other data's could be made without prior notice