STROMAT-Î

intelligent · individual · illuminated



The intelligent wallbox

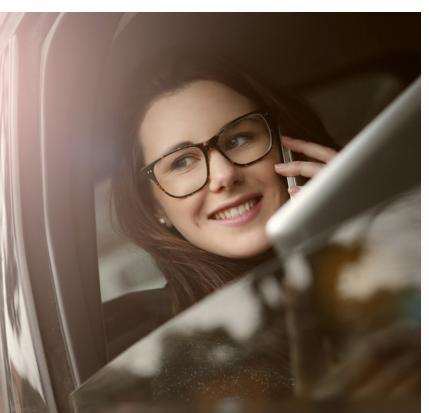
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Your advantages at a glance

- Backend interface to the manufacturer's product MANAGER
- WLAN hotspot for a direct connection with your SmartPhone
- LAN connection for operation via the local network
- Optional **LoRaWan radio module** for network-related control of charging processes
- User management for up to 48 people including separate energy meters per user
- Initiating charging via RFID and via the app
- Detailed charging history
- Integrated **solar coupling** (PV excess charging)
- Dynamic and static load management
- E-mail sending of consumption data
- Credit function
- Firmly connected **7 or 10 meter** charging cable with type 2 plug
- MID-calibrated energy meter
- Integrated DC monitor
- (DC residual current protection)
- Outdoor operation
- Robust housing with integrated, manual rolling up of cable





- Elegant design with scratch-resistant glass front and individual front design
- Status display via the large-scale lighting
- Optional stand
- 11 kW and 22 kW charging capacity
- Quality product
 made in Germany

Whether for **business** or **private purposes** - the **STROMAT-Intelligent** is the ideal wallbox for **managing** the **charging processes** of your vehicles. A user-dependent allocation of **energy consumption** takes place via **individual authentication**.

The **STROMAT-Intelligent** offers even more highlights: **Associated with the solar system**, the device ensures that only the **power you have produced** gets into the car. If **several STROMATs** are used, the **integrated load management** controls the distribution of the **total electric output** to the charging points. In connection with an **additional energy meter**, installed in your **electrical distribution system**, the load management can be extended to the **entire house connection**.

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Home

3.5 kWh

42 min

329.7 kWh

7.4 A

ð

7.3

2

KfW eligible

Chris Turner

2.5 kW

Energy meter:

OFF/ON:

11

Charging state:

5.1 kW

A variety of interfaces allow the charging stations to communicate with higher-level systems and also with the manufacturer's own backend system MANAGER.



Intelligently into the future

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Ideal for hotels, restaurants and companies

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With the **STROMAT-Intelligent**, guests, employees or visitors can charge their car according to a **credit principle**. For this purpose, for example, an **individual charge credit** can be booked on an RFID transponder via the web mask at the hotel reception. When the credit is used up, charging is **automatically terminated**.

Once a month, the **STROMAT-**Intelligent automatically sends the consumption quantities by e-mail to the employer (via LAN, WiFi or even an LTE modem). This makes billing for company cars child's play.



For the demanding individualist

Stromat Intelligent impresses with a unique noble glass front that can be printed individually. This offers you a scope of design options for your corporate design or even just for your dreams and desires ...

The lage scale lighting always shows you the current state of the charging system.

Technical data:

General

Plug type: Typ 2 Charging cable: 7/10 m Charging current: 16/32 A Charging power: 11/22 kW Rules: Mode 3, IEC 62196 DIN EN 61851-1 Controllable (network relevant): LoRaWan (optional)

Dimensions

Width: 340 mm Hight: 340 mm Depth: 140 mm Weight 9/10.5 kg

Ambient conditions

Temperature range: -30..50 °C Protection class: IP65 (housing)

Electrical connection

3-phase:
L1, L2, L3, N, PE
Power supply:
400 V, 50/60 Hz
Maximum on-site protection:
20/40 A
On-site residual current circuit breaker:
Typ A, 30 mA

Interfaces

NERGIERIED

WLAN Hotspot Ethernet: 10/100 MBit RS485: Modbus USB: 2.0 LoRaWan (optional) LTE modem (optional)

Operation

Display: LED Authentification: RFID, app Settings: web browser, app

