

STROMAT-i

alcona
Automation

intelligent · individual · illuminated



***The intelligent
wallbox***

STROMAT-i

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**.

KfW eligible

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



Connected via a **WLAN hotspot**, you have full access to the device with your smartphone - just open the **STROMAT app** and off you go...



**Intelligently
into the future**



STROMAT-I

Ideal for hotels, restaurants and companies

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 **large 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

Height: 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

WLAN Hotspot

Ethernet: 10/100 MBit

RS485: Modbus

USB: 2.0

LoRaWan (optional)

LTE modem (optional)

Operation

Display: LED

Authentication: RFID, app

Settings: web browser, app