STROMAT-P

alcona Automation

elegant · modular · ambient

The parking solution

STROMAT-P

Charge in style with convenience

The new **free-standing outdoor charging pillar** STROMAT-P highlights with its **impressive design**. You can choose between solutions with a **charging socket** or with a **permanently connected spiral cable**.

The **slender stainless steel pillar** ends with an elegant **360° LED illumination** at the top, which signals the different **charging states**. In the middle of this is the **RFID reader**, which is used to **authenticate** the charging operations. The 3 supplied **RFID tags** as well as existing tags can be used, which are previously **taught in once**.

Robust elegance

The STROMAT-P is specially designed for parking lots, whereby a different number of charging points can be implemented. A modular design is used, consisting of two components:

- The charging pillar including the required charging electronics with data bus
- One or more central distribution cabinets for accommodating the main power components including the required fuses

This separation of the **local charging point** and the **central distribution cabinet** creates a scalable solution that enables the **simplest of installations**. All components required for maintenance are **freely accessible** in the distribution cabinet!

In the **Basic version**, the distribution cabinet contains all **necessary components**.
The **Advance version** has been expanded to include **MID-calibrated energy meters** per charging point, which enables **exact consumption recording**.

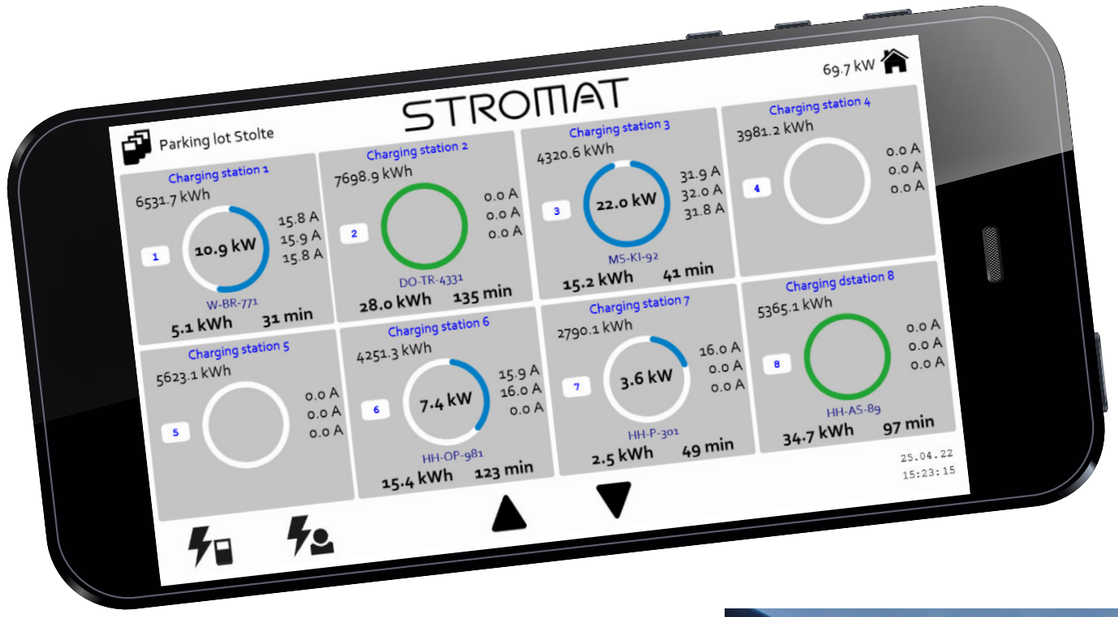
If only **individual charging** points are to be implemented with the STROMAT-P, the **Pure solution** is also available for the main power section, in which the required components are installed in a **small electric box**.

KfW eligible

The clever solution for the real estate industry, the forward-thinking entrepreneur and demanding individualists

The charging points become intelligent via the **control computer** integrated in the distribution cabinet. The charging points can be operated centrally via a **web mask**.

User accounts can be set up and **consumption data** can be recorded and evaluated.
A **variety of interfaces** allow the charging stations to communicate with higher-level systems and also with the **manufacturer's own backend system MANAGER**.



With the **integrated load management**, all connected charging stations are **dynamically controlled** in terms of their electrical output in such a way that the total mains connection is **distributed evenly** to all electric cars.

If an additional central energy meter is used in the central electrical distribution, the dynamic load management can be extended to the **entire house connection**.

STROMAT-P

Your advantages at a glance

P	B	A	
•	✓	✓	**Backend interface** to MANAGER (manufacturer software)
•	✓	✓	**LAN connection** for operation via the local network
•	✓	✓	Per project **up to 96 charging points**
•	✓	✓	User management for up to **96 people**
•	•	✓	Detailed **charging history**
✓	✓	✓	Authentication via **RFID** or **Plug & Start**
✓	✓	✓	All-round **LED lighting**
•	✓	✓	Integrated **solar coupling** *
•	•	✓	Static **load management**
•	✓	✓	Dynamic **load management** *
•	•	✓	**MID-calibrated energy meter** per charging point
•	✓	✓	**RCD** and **circuit breaker** per charging point
✓	✓	✓	Integrated **DC monitor** (DC residual current protection)
✓	✓	✓	**Elegant design**, customizable
✓	✓	✓	Robust and **weatherproof**
✓	✓	✓	**Quality product** made in Germany

Distribution cabinet **P**ure, **B**asic and **A**dvance

* In connection with central energy meter option

Technical data charging pillar

Dimensions
Diameter: 114 mm
Hight: 1.040 mm

Ambient conditions
Temperature range: -30..50 °C
Protection class: IP54 (Outdoor)

Connections
Control voltage: 24 V-DC
Interface: CAN-Bus

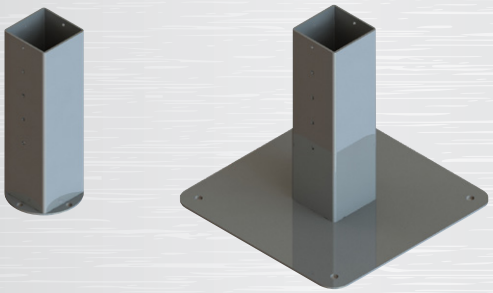
Operation
Display: 360° LED
Authentification: RFID

General

	STROMAT-P with socket	STROMAT-P with spiral cable
Connection:	Type 2 socket	5 m spiral cable
Charging current:	16/32 A	16 A
Charging power:	11/22 kW	11 kW
Weight:	6 kg	8 kg
Rules:	IEC 62196, DIN EN 61851-1	

Foundation fixing (optional)

Base plate:	covered	oversized
Dimensions:	110x110x270 mm	300x300x270 mm
Weight:	3,5 kg	5 kg



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