STROMAT-iF

The fleet solution

STROMAT-iF

The **STROMAT-iF** is the ideal solution for **fleet charging**. Each vehicle gets its **own RFID chip** to start the charging process.

In addition, the **mileage of the vehicle** is entered directly at the display of the charging station. This **individual charging information** is then transferred to the **MANAGER backend system** and is then **available centrally**. The charging processes can also be carried out **across locations** and **evaluated centrally** in the backend system.

All charging points and their associated charges are **clearly displayed** in the overview screen of the **MANAGER**.

Just-in-time control

MANAGER

Malteser NOW

DE | EN

🟢 Aalen Ladesäule 1	AA-MH 1065E	7,3 kWh	1,0 h
🔵 Aalen Ladesäule 2	AA-MH 1062E	3,5 kWh	1,3 h
⚪ Aalen Ladesäule 3			
🟢 Aalen Ladesäule 4	S-MH 2391E	23,0 kWh	1,6 h
🔵 Heidenheim Ladesäule 1	AA-MH 1064E	3,6 kWh	0,4 h
⚪ Heidenheim Ladesäule 2			
⚪ Ellwangen Ladesäule 1			
🔵 Ellwangen Ladesäule 2	AA-MH 1063E	5 kWh	0,5 h
🟢 Ellwangen Ladesäule 3	S-MH 2390E	37 kWh	31,7 h

Ideal for companies, logisticians as well as care and assistance services

AA MH 100E
D

Malteser NOW	AA-MH 100E	2024-06-08 21:47		
Consumptions	from 2024-05-01	till 2024-06-08		
Time	**Charge**	**Charge point**	**Mileage**	**Costs**
26.05.24 10:12	12,3 kWh	Aalen Ladesäule 1	12045	7,59 €
30.05.24 10:08	24,9 kWh	Aalen Ladesäule 3	12161	6,96 €
02.06.24 10:08	22,6 kWh	Ellwangen Ladesäule 1	12273	7,72 €
06.06.24 10:03	26,2 kWh	Ellwangen Ladesäule 1	12413	8,40 €

In Excel format, the **individual charging processes**, including the respective **vehicle mileage**, can be viewed just-in-time and can be further evaluated accordingly.

Optionally, the **costs per trip** are also determined automatically.

Mileage:

+ **2 3 6 8 0** *km*

Mail delivery

- ○ off
- ○ once
- ◉ regularly 1 x per month
- ○ regularly 1 x per year
- 1. email address   Mustermann@malteser.org

- ◉ regularly 1 x per month
- ○ regularly 1 x per year
- 2. email address

DE|EN   ✗   ✓

There are also extensive options for **manual and automatic export** of charging information. Optionally, direct **interface connections** to further accounting systems such as **SAP, Lexware or similar** are also possible.

STROMAT-iF

The intelligent fleet solution

Load management simply smart

The **STROMAT-iF** 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.
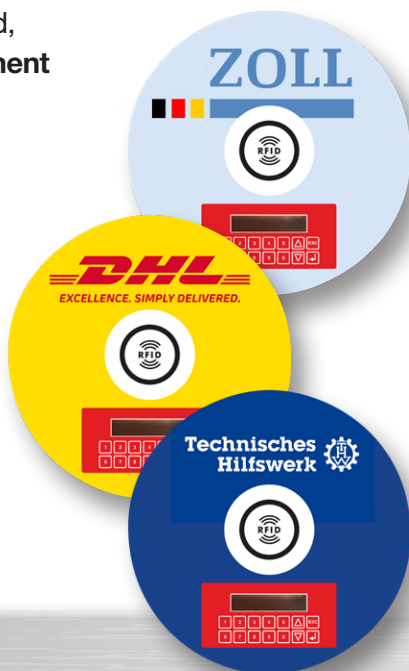
In connection with an **additional energy meter**, installed in your **electrical distribution system**, the load management can be extended to the **entire house connection**.

Your logo greets you in the parking lot

STROMAT-iF 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 **surrounding lighting** always shows you the **current state** of the charging system.

Technical data:

General
Plug type:
Type 2
Charging cable:
7 m (optionally 10 m)
Charging current: 16/32 A
Charging power: 11/22 kW
Rules:
Mode 3, IEC 62196
DIN EN 61851-1

Dimensions
Width: 340 mm
Hight: 340 mm
Depth: 178 mm
Weight 9/10.5 kg

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

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
LTE modem (optionally)

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