Intelligent charging management with fixed Energy charging infrastructure - Finance your PV system

CHARGEPOOL CHARGING STATION

HIGH QUALITY - EFFICIENT - INTELLIGENT - EASY TO MAINTAIN

Your advantages

- Solution for public charging according to the charging station ordinance update 2021 (EC/credit card obligation)
- Charging access via NFC card or APP (standard or customer-specific), 2D barcode scanner
- Intelligent dynamic charging management with defined energy infrastructure
- Billing option conforming to calibration law
  - individually as desired
  - simple identification of the user
- Function control and monitoring of charging stations via ChargePool backend management system
- High protection class of components IP54
- Use of standardised electrical components with long service life > 25 years
- 15 years support
- Roaming (use of different energy suppliers possible)
- Maintenance-friendly
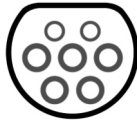- Flexible equipment of the charging stations

Features

- High quality design Design
- Standard
  - with colour-coded LEDs
  - or/and with 15,6" display
    - Use of the display as an advertising or earning opportunity
- Customised
  - Change colour, logo, shape

- Ideal for
  - fleets
  - public utilities/energy supplier
  - car parks
  - public facilities
  - trade

INTELLIGENT DYNAMIC CHARGING

Flexible equipment of the charging stations

- with Type 2-connector
  - 1x 22kW
  - 2 x 11kW
  - 4 x 5,5 kW
  - with or without cable

- with Schuko connector
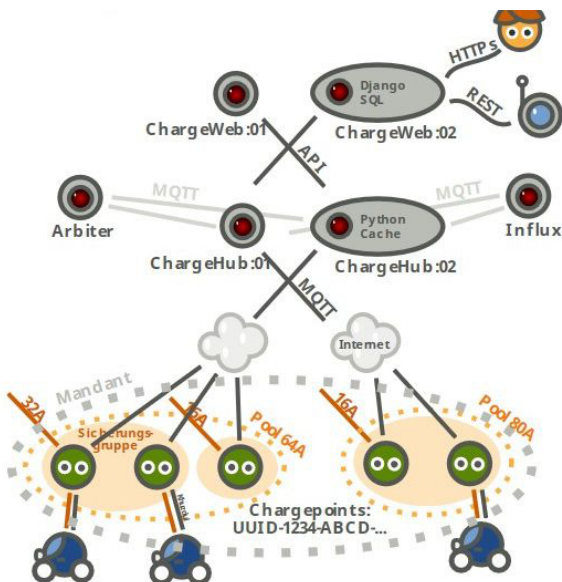 - up to 3,6kW
  - with temperature monitoring

- all charging points

  - can be centrally managed, reprted and updated. -> OverTheAir Update
  - can be connected wirelessly via WLAN, Ethernet (cable) or fibre optics
  - can be prioritised

Intelligent charging management with defined energy infrastructure

- Dynamic determination, optimisation and adaptation of the available charging power to the actual power demand
- Optimal utilisation of the available capacity of the connection

CHARGEPOOL BACKEND MANAGEMENT SYSTEM

- OverTheAir encryption and digitally signed firmware updates
- Open source firmware
- Open standardised interfaces (REST API) for the connection of existing EDP systems
- All data communication is encrypted
- Optical and visual user monitoring and error management
- User administration
- Charging statistics
- Load management
- Fault/maintenance
- Billing