

DCBM DC Billing Meter

The DCBM Series are Static Meters for DC Energy metering and billing. These devices are dedicated to energy metering in the field of DC applications. DC Meter solution covers the complete range of DC chargers (IEC 61851-23) from 25 kW (Wallbox) to 350 kW (Ultra fast Charging station). DCBM can go up to 600 kW and covers German regulation "Eichrecht".

Sensor Units: two versions available

Meter Unit

400A (I_{max})

600A (I_{max})

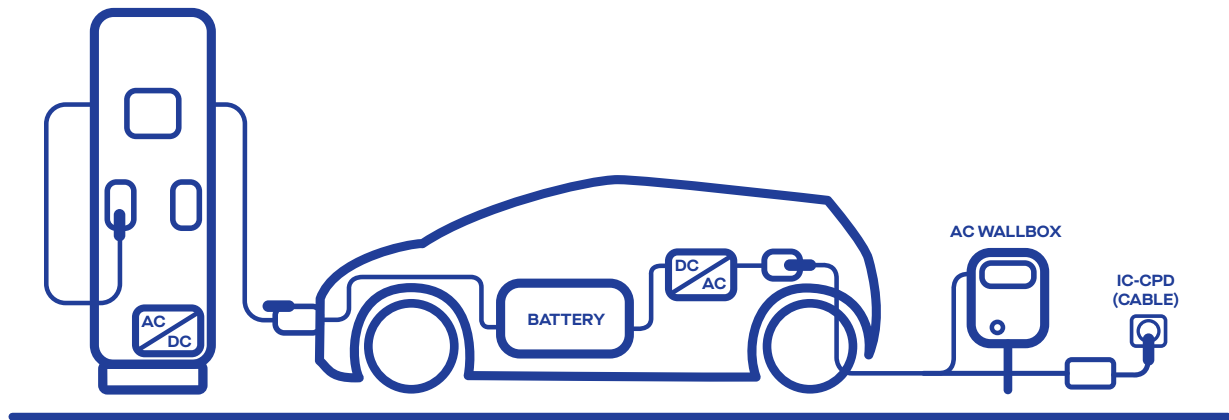


Cable length 0.3m to 2m

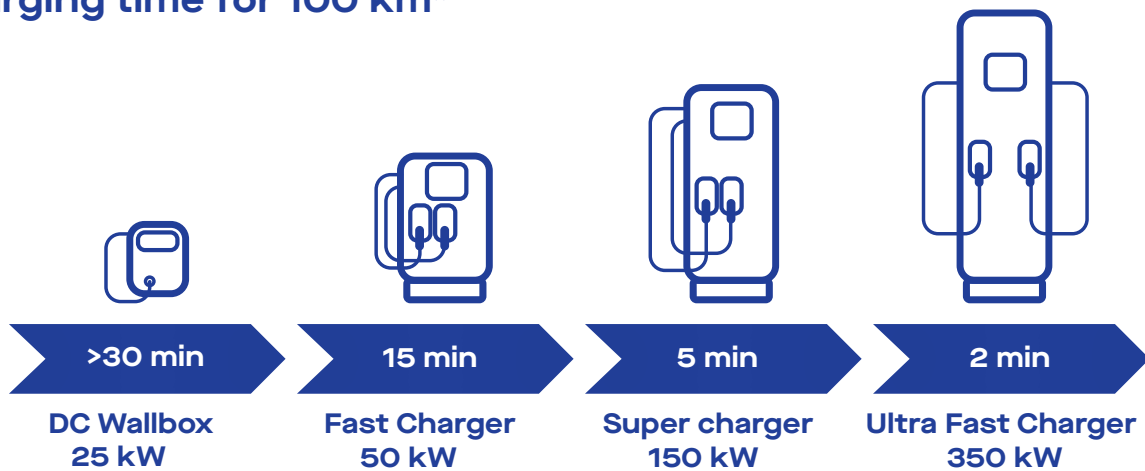
- To be connected to busbars or wired systems
- Sensing current and voltage
- DIN rail or screw mounting
- Voltage measurement up to 1150 V
- Insulated measurement

- Ethernet communication with HTTPS/REST protocol
- Integrated display for legal relevant information
- DIN rail or screw mounting
- Data storage
- Authentication mechanisms
- Anti-tampering mechanisms

Dedicated for DC fast charging stations for electric vehicles

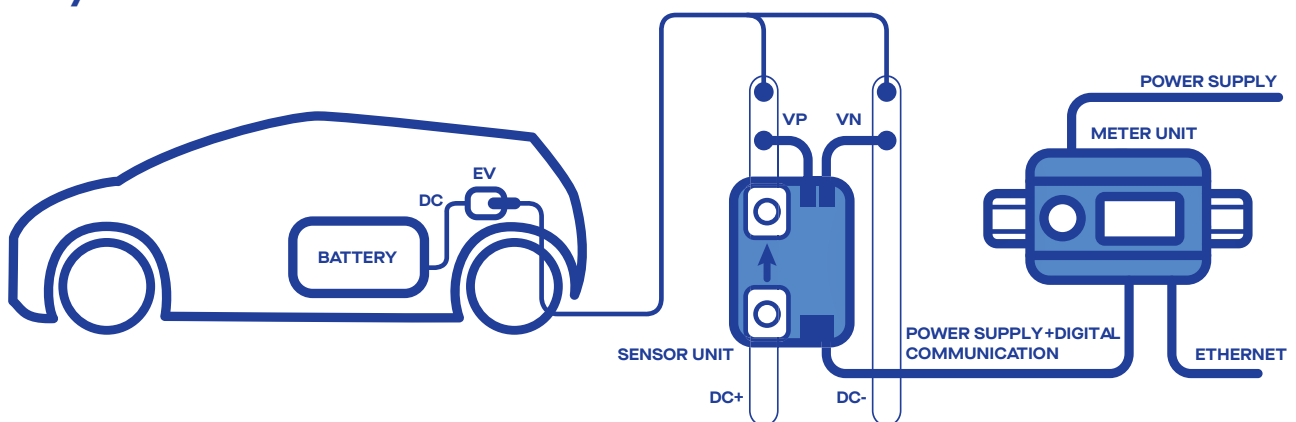


Charging time for 100 km*



DCBM suits for any of these DC charging stations for metering energy and billing purpose

Easy to install:



- Accuracy class B
- Instantaneous data: current, voltage, temperature, energy
- Fast and easy installation
- PTB Certification for EV Charging stations (Baumusterprüfbescheinigung)
- Fully certified according to VDE-AR-E-2418-3-100
- Signed billing data sets according to S.A.F.E OCMF
- Compliant with CCS and CHAdeMO chargers