

# INTERFUSION800M

## High voltage distribution unit

With the **INTERFUSION** high-voltage distribution system, the main components battery, charger, inverter, motor and the fast-charging system can be connected. In this combination of the **FUSION800M** and **INTERFLOW500** products, all inputs and outputs are fused and the fast-charging system is equipped with HV relays and current and voltage measurement.

Typical applications are electrified machines and vehicles with increased demands on robustness and safety, such as construction machinery, commercial vehicles and municipal vehicles.



### Features

- 2x connections up to 600 A (1x reserved for fast charging)
- 4x connections up to 400 A
- 4x connections up to 150 A
- 6x connections up to 50 A
- EMC glands (connectors optional)
- Short-circuit bracket
- Access for measuring tips with additional safety cover
- Insulation monitor (optional)
- CCS 2.0 communication
- According to DIN70121 and ISO15118
- Galvanically isolated HV current and voltage measurements

### Specifications

<b>System voltage</b>	Up to 800 VDC
<b>Rated current</b>	500 A
<b>Supply voltage</b>	12 V / 24 V
<b>Fuse protection</b>	Positive pole
<b>System weight</b>	25 kg (fully assembled)
<b>Ambient temperature</b>	-40 – 85 °C
<b>Protection class</b>	IP67*

\* other ratings on request

