

**Battery**  
**48V**

*The **core**  
for more.*



**+ Brose Battery 48V**

- Preliminary dimensions: 388,5 x 83,3 x 65,3 mm
- Capacity: 632 Wh and 814 Wh
- Aluminium housing
- One form factor and flexible mounting options, removable, external charge plug

<b>Product type</b>	Brose Battery 48V
<b>Manufacturer</b>	Brose
<b>Weight</b>	632 Wh: 3.8 kg 814 Wh: 4.0 kg
<b>Dimensions L/H/W (mm)</b>	388,5 x 83,3 x 65,3 mm preliminary values without tolerances
<b>Ingress protection (sealing)</b>	IP56
<b>Housing material</b>	Aluminium black colored Plastic end cap
<b>Capacity (nominal)</b>	13s3p: 632 Wh 13s3p: 814 Wh
<b>Voltage</b>	48 V
<b>Max. charge power</b>	250 W
<b>Continuous discharge</b>	20 A
<b>Charge cycles</b>	700 full load cycles with 80 % remaining capacity
<b>Plugs</b>	Brose proprietary

<b>Compatibility</b>	Brose 48V Drive
<b>Installation type</b>	Integrated / Downtube
<b>Communication</b>	CAN Bus (Brose Protocol)
<b>Certification</b>	UN 38.3 / IEC 62133 / EN 15194 / ISO 13849 / UL 2271 / 50604 compliant to new European Battery Regulations
<b>Operating temperature</b>	Charge: 0 to +45 °C (amb. temp.) / Discharge: -10 to +60 °C (amb. temp.)
<b>Warranty</b>	2 years

**Smart Fast-Charger**

<b>Charge power</b>	250 W with CAN communication and smart charging programs
<b>Compatibility</b>	Brose 48V Battery
<b>Certification countries</b>	EN 60335 / EN 55014 / FCC / UL 1012

Disclaimer: Details may still be optimized, therefore these are preliminary figures.