

Battery
48V

*The core
for more.*



+ Brose Battery 48V

- Preliminary dimensions: 385 x 83 x 64 mm
- Capacity: 468 Wh and 814 Wh
- Aluminium housing
- One form factor and flexible mounting options, removable, external charge plug

Product type	Brose Battery 48V
Manufacturer	Brose
Weight	13s2p: 3.0 kg 13s3p: 4.1 kg
Dimensions L/H/W (mm)	385 x 84 x 64 battery with preliminary tolerances
Ingress protection (sealing)	IP56
Housing material	Aluminium black colored Plastic end cap
Capacity (nominal)	13s2p: 468 Wh 13s3p: 814 Wh
Voltage	48 V
Max. charge power	350 W
Continuous discharge	20 A
Charge cycles	700 full load cycles with 80 % remaining capacity
Plugs	Brose proprietary

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

Smart Fast-Charger

Charge power	220 - 250 W with CAN communication and smart charging programs
Compatibility	Brose 48V Battery
Certification countries	EN 60335 / EN 55014 / FCC / UL 1012

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