

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

Product type	Brose Battery 48V
Manufacturer	Brose
Weight	632 Wh: 3.8 kg 814 Wh: 4.0 kg
Dimensions L/H/W (mm)	388,5 x 83,3 x 65,3 mm preliminary values without tolerances
Ingress protection (sealing)	IP56
Housing material	Aluminium black colored Plastic end cap
Capacity (nominal)	13s3p: 632 Wh 13s3p: 814 Wh
Voltage	48 V
Max. charge power	250 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 compliant to new European Battery Regulations
Operating temperature	Charge: 0 to +45 °C (amb. temp.) / Discharge: -10 to +60 °C (amb. temp.)
Warranty	2 years

Smart Fast-Charger

Charge power	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.