



Brose Battery 630

+ The robust bundle of energy

The new Brose Battery 630 is optimally synced with the Brose Drive System. Connected to the specially developed, very robust Brose plug, it has a nominal capacity of 17 ampere-hours at 36 volts, providing an energy storage capacity of 630 watt-hours. The Brose Battery 630 measures a slim 387 × 84 × 72 millimetres and only weighs 3.8 kilogrammes. The housing, made of black anodised aluminium, is robust and scratch-resistant.

The Brose Battery 630 fits perfectly into the e-bike frame and can still be removed easily. The patented locking system offers two major benefits: the battery remains securely mounted, even during the most extreme riding conditions, and for removal, only one lock needs to be opened.

Battery

Product name	Brose Battery 630
Part number	E48173 (complete assembly only drawing) Order numbers E41226 (battery) E74745 (subframe) E74743 (frame charging port) G01767 (charger) G01768-000 (charger cable EU) G01769 (charger cable USA) G01770 (charger cable GB) G01771 (charger cable Australia)
Manufacturer	Brose
Weight	3.8 kg (battery) + 0.8 kg (subframe)
Dimensions L/H/W (mm)	447 × 84 × 84 (with subframe) 387 × 84 × 72 (without subframe)
Ingress protection (sealing)	IPX5
Housing material	Black anodised aluminium Plastic end cap
Cell type	18650 Samsung SDI 35 E
Material subframe	Aluminium
Battery level indicator	4 LEDs: 75 % ~ 100 % / 50 % ~ 74 % 25 % ~ 49 % / 5 % ~ 24 % / 0 % ~ 4 %
Capacity (nominal)	630 Wh / 17 Ah / 10 S / 5 P
Voltage	36 V
Max. charge current	4 A

Discharge	18.8 A
Charge cycles	700 full load cycles with 60 % remaining capacity
Plugs	Brose proprietary
Compatibility	Brose Drive
Installation type	Integrated / Downtube
Lock	Abus (via Brose)
Communication	CAN-Bus (Brose Protocol)
OEM supply	2020
Certification	UN 38.3 / IEC 62133 / EN 15194 / ISO 13849 UL2271
Operating temperature	Charge: 0 bis +45 °C (ambient temperature) Discharge: -10 bis +60 °C (ambient temperature)
Warranty	2 years

Charger

Charge current	4 A
Compatibility	Brose Battery 630
Dimensions L/H/W (mm)	180 × 80 × 40
Certification for the following countries	EN 60335 / EN 55014 / FCC / UL1012 (on request only for G01767 except DC cable) IEC60335 / AS/NZS 60335.2.29 AS/NZS CISPR 14.1