

CEMOTO B28D (EB28D) — 26" Fat Tire Folding Mountain eBike

“ A foldable 26-inch fat-tire mountain eBike with a 750W motor (1,500W peak) and 48V 15.6Ah battery — all-terrain capability in a frame that folds for transport and storage.

Product page: cemotoride.com/products/fat-tire-mountain-ebike

B28D — Left view

Overview

The CEMOTO B28D — sold under the store handle `fat-tire-mountain-eBike` and titled *CEMOTO B28D | 26" Fat Tire Mountain eBike All-Terrain Electric Bike*; CEMOTO refers to it as **EB28D** in the product description — is the **folding** fat-tire model in the eBike range.

It combines the fat-tire formula of the [B28A](#) — 26 × 4.0 CST tires, 750W BLDC motor, 48V 15.6Ah battery, hydraulic disc brakes — with a **foldable frame**. That makes it the practical choice for riders who need to carry the bike in a car boot, store it in a small flat, or take it on public transport.

Its published motor rating is stated as **750W with a 1,500W maximum**, which is the highest peak figure quoted anywhere in the CEMOTO eBike line. In practice, the peak rating describes brief acceleration and climbing output, while the 750W continuous rating describes sustained running.

CEMOTO markets it for adventure seekers who want to conquer steep hills and rough trails.

Naming note: the [B28A](#) and the B28D share almost identical component specifications. The difference is the frame: **B28A is high-step and fixed; B28D folds.** If you need a folding bike, this is the one.

Available colors

The B28D is listed as a single-variant product. Color options are not published on the store listing.

For current pricing and availability, see the CEMOTO store listing.

Key specifications

Specification	Value
Motor	750W BLDC (1,500W max)
Battery	48V 15.6Ah Li-ion
Charger	54.6V 2A, UL-listed
Display	Color display, 4 inch
Frame	6061 aluminum alloy, folding
Fork	Alloy suspension (Lo)
Brakes	Hydraulic disc (XOD)
Tires	26 × 4.0 CST (fat tire)
Gears	SHIMANO 7-speed
Max speed	20 mph
Load capacity	120 kg
Peak motor output	1,500W

Sizes and weight

Measurement	Value
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Net weight (N.W.)	33 kg
Gross weight (G.W.)	38 kg
Carton size	155 × 27 × 81 cm
Load capacity	120 kg
Wheel size	26 inch

“ **On the two weight figures:** the store lists N.W./G.W. as **33 kg / 38 kg** on this model, which is internally consistent and matches the net weight of the fixed-frame [B28A](#). Compare with the B28A listing, which publishes 33 kg / 138 kg for the same net weight — the B28D figure is the more plausible of the two.

Feature highlights

- **Foldable frame** — the defining feature. Makes the bike carriable in a vehicle boot, storable in tight spaces, and easier to take on trains, boats and campervans
- **750W motor with 1,500W peak** — the highest quoted peak output in the CEMOTO eBike range, for steep hills and quick acceleration
- **48V 15.6Ah battery** — the larger pack used across the 750W models, providing substantial range
- **26 × 4.0 fat tires** — all-terrain traction on sand, snow, gravel and mud, with a naturally cushioned ride
- **Hydraulic disc brakes (XOD)** — strong, consistent stopping power for a heavy, high-traction bike
- **Alloy suspension fork** — absorbs impacts alongside the tire volume
- **6061 aluminum alloy frame** — keeps weight manageable despite the folding mechanism and fat tires
- **SHIMANO 7-speed gearing** — pedal efficiently and conserve battery when you want to
- **4-inch color LCD** — clear speed, battery and trip readout

“ **Folding bike caveat.** Folding frames introduce hinges and a latch — components that need periodic inspection. Before every ride, confirm the frame latch is fully engaged and the safety mechanism (if fitted) is secure, and check the hinge fasteners for looseness. A folding bike's structure differs from a fixed frame, and the weight rating assumes the frame is correctly locked. See [Pre-Ride Inspection](#).

Carrying and storing a folding eBike

Consideration	Guidance
Weight	At 33 kg net, this is not a bike you will carry far by hand. Fold it to move it, not to walk it
Lifting	Lift from the frame, not the handlebars or seat post. Bend your knees — a 33 kg awkward load is a back-injury risk
Latch check	Always confirm the frame latch before riding. Never ride with a partially engaged latch
Storage	Store folded, dry and out of direct sun. Extreme heat degrades battery cells — see Cleaning & Storage
Transport	In a car, lay the folded bike on a mat and secure it so it cannot slide into occupants or the battery cannot be struck
Battery	Remove the battery for transport where practical, and carry it separately. See Battery Care & Charging

Range and performance notes

Published figures are manufacturer-stated maximums under controlled test conditions (typically a 70 kg rider, 25 °C and 20 km/h constant speed). The combination of fat tires (higher rolling resistance) and a 48V 15.6Ah pack means real-world range is sensitive to tire pressure — keep the tires correctly inflated, as low pressure increases resistance and reduces range.

Use pedal assistance on climbs and into wind to save energy and extend battery life. For a structured estimate, see [Range Calculator](#).

Safety and legal notes

- **Wear an approved helmet** and observe all road rules for the area where you ride.
- **Confirm your local eBike rules** — the 1,500W peak rating is well above the Class 2 motor definition in many jurisdictions. See [Riding Laws & Compliance](#).

- **eBikes are single-rider vehicles.** Never carry a passenger.
 - **Intended terrain:** on-road and improved trail. Do not ride rough trails — damage may occur.
 - **Do not ride through deep water**, and avoid prolonged riding in rain.
 - **Chain tension should be about 15 mm.**
 - **Braking distance increases in bad weather.**
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Images

B28D — official product photography.

B28D — Left view

Left view

B28D — Angled view

Angled view

B28D — Left side view

Left side view

B28D — Right view

Right view

B28D — Right side view

Right side view

Related pages

- [eBikes & Scooters Overview](#)
- [B28A High Step Fat Tire](#)
- [B28 Mountain eBike](#)
- [eBike Manuals](#)
- [Cleaning & Storage](#)
- [Tires, Wheels & Suspension](#)

Note: All performance figures are manufacturer-stated maximums and are not simultaneous guarantees. Specifications are subject to change without notice.

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