

CEMOTO D02 Classic

“ Entry-level off-road electric dirt bike for teens and adults, built on a 48V system with a compact, budget-friendly frame setup.

[← Back to D-Series overview](#)

D02 Classic — Black

Overview

The D02 Classic pairs a 48V electrical system with a brushless motor rated up to **3000W peak**. With a **28.74-inch seat height**, it is designed for teens and adults with a more compact build, positioned as the maximum-value trail fun option in the D-series.

It uses the **same 3000W high-torque motor platform as the D03 Pro**. The D02 Classic costs less because it removes the horn and some street-oriented hardware, making it the leaner, off-road-first option.

Available colors: D02 Black · D02 Orange

Key specifications

Item	Specification
Motor	48V brushless motor, up to 3000W peak
Battery	48V 21Ah lithium-ion
Top speed	Up to 40 mph (approx. 65 km/h)
Range	Up to 30 miles (approx. 48 km) per charge
Charge time	Approximately 6 hours
Wheels	14-inch front / 12-inch rear

Item	Specification
Brakes	Hydraulic disc brakes
Suspension	Hydraulic front fork and rear shock (full suspension)
Intended use	Off-road only — private land & track

Dimensions & weight

Item	Specification
Overall length	61.42 in
Overall height	38.19 in
Seat height	28.74 in (approx. 73 cm)
Ground clearance	8.66 in
Rider height	4'11"-5'10" (150-178 cm)
Net weight	121.3 lb (55 kg)
Maximum load	287 lb
Packed size	51.6 × 12.2 × 24.0 in (131 × 31 × 61 cm)
Packed weight	138.9 lb (63 kg)

Feature highlights

- 3000W peak brushless motor
 - Full-color digital display (up to 40 MPH)
 - Dual LED headlights
 - 48V 21Ah lithium battery
 - 14" / 12" knobby off-road tires
 - Hydraulic front fork and rear suspension
 - Finned controller housing
 - Hydraulic disc brakes
-

Frequently asked questions

What is the maximum speed of the CEMOTO D02 Classic? The manufacturer-stated maximum speed is up to 40 mph. Actual speed varies with rider weight, terrain, temperature, tire pressure, battery charge and riding conditions, so 40 mph is not guaranteed.

What is the estimated riding range? The manufacturer-stated maximum range is up to 30 miles per charge. Actual range varies with speed, rider weight, terrain, temperature, tire pressure and riding style.

How long does the D02 Classic take to charge? A full charge takes approximately 6 hours under normal conditions. Use only the compatible supplied charger in a dry, ventilated location and follow the owner's instructions.

What rider height is the D02 Classic designed for? The listed rider-height range is approximately 4'11"-5'10" (150-178 cm), with a seat height of approximately 28.74 inches. Fit also depends on inseam, balance, strength and riding experience.

What is the maximum load? The confirmed maximum load for the D02 Classic is 287 lb. Rider weight, equipment and anything carried on the bike should remain within this limit.

Is the D02 Classic suitable for teen riders? The D02 Classic is marketed for teens and adults who fit the bike. Suitability also depends on maturity, strength, training and experience; adult supervision and appropriate protective gear are recommended for teen riders.

Is the D02 Classic street legal? The D02 Classic is intended for off-road use on suitable private property and tracks. It is not marketed as a street-legal commuter, and riders should check all applicable local laws before use.

Is the D02 Classic less powerful than the D03 Pro? No. Both models use the same 3000W high-torque motor platform. The D02 Classic costs less because it removes the horn and some street-oriented hardware, making it the leaner, off-road-first option.

Does the bike arrive fully assembled? Some assembly and pre-ride checks are required after delivery. An adult should follow the assembly guidance and verify fasteners, brakes, controls, tires and suspension before the first ride.

What is included in the box? The confirmed package includes the D02 Classic bike, one compatible charger, assembly tools and hardware, a manual and the original shipping carton. Exact tool appearance may vary.

Where does the D02 Classic ship from? Dispatch origin, delivery coverage and any shipping cost are set out in the [Shipping & Delivery](#) policy. Tracking is provided after shipment.

How long does U.S. delivery usually take? Delivery timing depends on your destination, the carrier and current conditions, and is stated on the [Shipping & Delivery](#) policy page rather than fixed here. Track your order with the details supplied after dispatch.

Is a signature required for delivery? Signature requirements depend on the order value and are set out in the [Shipping & Delivery](#) policy. Monitor your tracking information and move the package to a secure location promptly after delivery.

What should I do if a component arrives damaged? Photograph the carton, shipping label, internal packaging and affected component, then email support@cemotoride.com to open a ticket. If shipping damage to a component is confirmed, CEMOTO dispatches replacement parts under the [Shipping Policy](#).

Where can I buy replacement parts and get technical help? Compatible parts are available in the CEMOTO accessories collection. Technical guides and video-assisted troubleshooting are available through the [Technical Guides](#) library and CEMOTO support.

What warranty and return coverage is included? Warranty period, coverage and exclusions are defined by the [Warranty](#) and [Warranty Claims](#) pages; the return window and who pays return shipping are defined by [Returns & Refunds](#). Those pages are authoritative — any period quoted in a listing or campaign is superseded by them.

Documentation

- **Owner manual (PDF):** [CEMOTO D02 User Manual](#) — official 28-page D-series owner manual covering safety, assembly, operation, display, maintenance, troubleshooting and warranty
- **Assembly guide:** [Unboxing & Assembly](#)
- **Display & error codes:** [Display & Error Codes](#)

“ **Note:** Speed and range are manufacturer-stated maximums, not guarantees. Actual performance varies with rider weight, terrain, temperature, tire pressure and riding style.

Images

D02 Classic — official product photography.

D02 Classic — Black

Black

D02 Classic — Orange

Orange

D02 Classic — Component detail

Component detail

D02 Classic — Component detail (2)

Component detail (2)

D02 Classic — Size chart

Size chart

D02 Classic — On the trail

On the trail

Revision #12

Created 2026-09-22 01:58:50 UTC by Cemoto

Updated 2026-09-22 04:54:03 UTC by Cemoto