KINGBULL ROVER 2.0

Technical Specifications | Performance & Components

PERFORMANCE & CAPACITY

Model	Rover2.0; certified to UL 2849
Max range	60 miles (under ideal riding conditions)
Max speed	28 MPH; throttle-only max speed: 20 MPH
Weight	80 lbs
Rider height	5'6" - 6'7" / 168-201 cm
Max payload capacity	400 lbs

FRAMESET

Frame	All aluminum; full suspension; removable integrated battery; tapered head tube; guided internal routing; 30.4 mm seat tube; 12 mm axle
Fork	KINGBULL OSD-R26; coil spring; lockable; preload adjustable; 100 mm travel
Shock	DNM DV-22AR; oil spring; adjustable damping; 45 mm

WHEELS

Rim	Front: JP73, aluminum alloy, 26 in × 13G × 36H, H: 18 mm, diameter 573 mm. Rear: JP73, aluminum alloy, 26 in × 12G × 36H, H: 18 mm, diameter 573 mm.
Front hub	MY612FB-B1; aluminum alloy; 3/8 in × 13G × 36H × 135 × 185 mm; PCD: 58 mm
Spoke	45#, 13G, 257 mm, 14 mm copper spoke cap; 45#, 12G, 221 mm, 14 mm copper spoke cap; 45#, 12G, 219 mm, 14 mm copper spoke cap
Tires	CST C-1752; 26 × 4.0 in; puncture-proof
Inner tubes	CST 26 × 4.0 in; Schrader valve

BRAKES

Front brake	ZOOM HB-875-E; hydraulic brakes; power-off brake lever; 2 pistons; 180 × 2.3 mm disc; 1000 mm oil pipe
Rear brake	ZOOM HB-875-E; hydraulic brakes; power-off brake lever; 2 pistons; 180 × 2.3 mm disc; 2000 mm oil pipe

DRIVETRAIN

Shifter	SHIMANO SL-M315-7R; right side; 2400 mm cable; 7 speed
Rear derailleur	SHIMANO RD-M310; 7 speed
Cassette	SHIMANO MF-TZ500; 14-28T; 7 speed
Chain	KMC Z7RB; 126L; 7 speed
Crankset	HDL-L145; 1/2 × 3/32 in × 48T × 170 mm
Chainrings	48T

TECHNICAL DETAILS

Kingbull Rover 2.0 | Electrical Systems & Components

E-SYSTEM

Motor	Custom Bafang 750W brushless hub motor
Battery	48V / 720Wh (15Ah) lithium battery; certified to UL 2271
Cell	SAMSUNG INR21700-50G cell; certified to UL 2580
Controller	48V / 25A
Display	4.0 in full-color multifunction display
Charger	US standard 3.0A smart charger; UL-certified
Wiring harness	Custom Kingbull wiring harness
Sensors	TROG-1B torque sensor; brake sensor
Pedal assist	5 levels
Walk mode	2.3-2.9 MPH
Throttle	FT158X; twist throttle; 3 pins; 5V
Light	48V LED headlight; horn; flashing taillight
Water resistance	IPX6

COMPONENTS

Saddle	JT5734; eco-leather; aluminum alloy rails
Seatpost	SP-601; aluminum alloy; 30.4 × 300 mm; with scale lines
Handlebar	HB703; aluminum alloy; 22.2 × 31.8 × 2.4T × 700 mm
Stem	AS507; aluminum alloy; diameter 28.6 × diameter 31.8 mm; EXT: 60 mm; 7°
Grips	HT420 rubber; 120 mm length
Kickstand	Adjustable aluminum alloy

Source: User-provided technical specifications, including certification claims. Range is stated for ideal riding conditions.