KINGBULL LITERIDER 2.0

Technical Specifications | Performance & Components

PERFORMANCE & CAPACITY

Model	Literider2.0; certified to UL 2849
Max range	55 miles (under ideal riding conditions)
Max speed	20 MPH default; adjustable 5-28 MPH; throttle-only max speed: 20 MPH
Weight	71 lbs
Rider height	5'2" - 6'6" / 157-196 cm
Max payload capacity	400 lbs
Rear rack load limit	All aluminum; 150 lbs

FRAME, SUSPENSION & WHEELS

Frame	All aluminum; removable integrated battery; tapered head tube; guided internal routing; 30.4 mm seat tube; 12 mm axle
Fork	MOZO FATMAN-ML; coil spring; 60 mm travel; adjustable damping; lockable; 1-1/8 in threadless straight
Rim	GBF-20; 20 in magnesium alloy one wheel; M10 × 135 × 185 mm
Tires	CST C-1752; 20 × 4.0 in; puncture-proof
Inner tubes	CST 20 × 4.0 in; Schrader valve

BRAKES & DRIVETRAIN

Front brake	LD-D300; hydraulic brakes; power-off brake lever; 2 pistons; 180 × 2.3 mm disc; 1100 mm oil pipe
Rear brake	LD-D300; hydraulic brakes; power-off brake lever; 2 pistons; 180 × 2.3 mm disc; 2000 mm oil pipe
Shifter	SHIMANO SL-TX50-7R; right side; 2400 mm cable; 7 speed
Rear derailleur	SHIMANO RD-TY21B; 7 speed
Cassette	SHIMANO MF-TZ500; 14-28T; 7 speed
Chain	KMC Z7; 112L; 7 speed
Crankset	HDL-L145; 1/2 × 3/32 in × 48T × 152 mm
Chainrings	48T

TECHNICAL DETAILS

Kingbull Literider 2.0 | Electrical Systems & Accessories

ELECTRICAL & CONTROLS

Motor	Custom Bafang 750W brushless hub motor
Battery	48V / 720Wh (15Ah) lithium battery
Cell	18650 cell; certified to UL 2580
Controller	48V / 22A
Display	4.0 in full-color multifunction display
Charger	US standard 2.0A smart charger; UL-certified
Wiring harness	Custom Kingbull wiring harness
Sensors	SM-03 cadence sensor; brake sensor
Pedal assist	5 levels
Walk mode	2.3-2.9 MPH
Throttle	FT158X; twist throttle; 3 pins; 5V
Light	48V LED headlights; horn; 48V tail light; brake highlight
Water resistance	IPX6

CONTACT POINTS & ACCESSORIES

Saddle	VM-189K; eco leather; aluminum alloy rails
Seatpost	SP-601; aluminum alloy; 30.4 × 300 mm; with scale lines
Handlebar	HB701; aluminum alloy; 22.2 × 25.4 × 2.2T × 640 mm
Folding stem	ZHD-WW23/S01; aluminum alloy; diameter 28.6 × diameter 25.4 mm; 10° forward; diameter 28.6 × 210 mm adjustable tube
Grips	HT420 rubber; 120 mm length
Pedals	M961F; aluminum alloy body; polypropylene border; foldable
Kickstand	Adjustable aluminum alloy
Fenders	Plastic

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