KINGBULL EXPEDITION

Technical Specifications | Performance & Chassis

PERFORMANCE & CAPACITY

Model	Expedition
Max range	120 miles (under ideal riding conditions)
Max speed	28 MPH
Weight	94 lbs
Rider height	5'1" - 6'5"
Max payload capacity	350 lbs
Rear basket load capacity	65 lbs
Mid-mounted basket capacity	20 lbs

FRAME & SUSPENSION

Frame	20 × 4.0 in steel frame with rear suspension; equipped with front and rear fenders
Fork	Dual-crown suspension; hydraulic spring; tapered steerer; lockable; 80 mm travel
Shock	Aluminum alloy body; black coil spring

WHEELS & TIRES

Rim	Front: 20 in wide aluminum alloy rim, 36H, 85 mm profile, diameter 573 mm. Rear: 20 in wide aluminum alloy rim, 36H, 85 mm profile.
Front hub	Sealed bearing; quick-release axle; steel construction; disc brake mount
Spoke	High-strength steel; 12G/13G; black finish; copper nipples
Tires	CST 20 × 4.0 in
Inner tubes	20 × 4.0 in; Schrader valve
Recommended tire pressure	25-28 PSI

TECHNICAL DETAILS

Kingbull Expedition | Components & Electrical Systems

BRAKES & DRIVETRAIN

Front brake	Hydraulic disc brake; power-off brake lever; 2 pistons; 180 × 2.3 mm disc; 1100 mm oil pipe; black finish
Rear brake	Hydraulic disc brake; 2 pistons; 180 × 2.3 mm disc; 1950 mm oil pipe; black finish
Shifter	SHIMANO SL-TX50-7R; right side; 2400 mm cable; 7 speed
Crankset	Square-taper steel crankset with dual chain guard; 9/16 in pedal threads
Chain	1/2 × 3/32 in; 126L

ELECTRICAL & CONTROLS

Motor	750W brushless hub motor
Battery	Kingbull 48V / 1512Wh (31.5Ah) lithium battery
Controller	48V / 22A
Display	Full-color multifunction display
Charger	US standard 3.0A smart charger
Wiring harness	Custom Kingbull wiring harness
Sensors	Cadence sensor; brake sensor
Pedal assist	5 levels
Walk mode	3 MPH
Throttle	Twist throttle
Light	DH035P-M2 with integrated horn; WD-09, 48V; integrated taillight, brake light and turn signals
Water resistance	IPX6

SEATING & ACCESSORIES

Seat	Black leather; fixed design, not adjustable
Pedals	9/16 in plastic pedals with reflectors
Passenger footrests	4 mm aluminum folding footrests
Kickstand	Adjustable aluminum alloy; 220-275 mm adjustment range
Fenders	Plastic

Source: User-provided technical specifications. Range is stated for ideal riding conditions.