

Highlights

- Compact, foldable design
- Step through
- 48V Samsung Battery UL1642 Certified
- 20" x 4" premium fat tires
- Magnesium alloy integrated wheels
- Shimano derailleur
- XD-E610 Hydraulic disc brakes 180MM
- Aluminum, single piece frame
- Genuine leather grips
- Front & rear lights
- Extra-wide 225mm saddle
- Arrives 90% assembled
- 5-Year Limited Warranty

Premium Parts



Colors



White



Matte Black

Recommendations

Rider Height	4'11" - 6'3"
Rider Weight	Max 400 lbs
Handlebar Torque	Bolt for Handlebar Bolt: M5 Standard Torque / N.M: 10-12 N.M Bolt for Handlebar Bolt: M4 Standard Torque / N.M: 4-6 N.M Handlebar Stem Bolt: M5 Standard Torque / N.M: 8-10 N.M Handlebar Stem Bolt: M6 Standard Torque / N.M: 10-12 N.M
Maintenance	Routine, see user manual

Bike Parts

Weight	62 lbs without battery, 70 lbs with battery
Frame & Fork	6061 Single-Butted Aluminum Frame / Al 6061 Integrated Fork / Internal Battery
Motor	XIONGFENG 500W (Peak750W) Brushless
Display	YONGLIN Color LCD 5 classes display
Battery	48V, 10.5AH(504WH), 18650 Samsung cell
Throttle	Star Union Thumb Throttle
Pedal Assist	CLASS 1-5 levels
Range	35-55 miles
Max Speed	20MPH
Brakes	XD-E610, 180 mm Hydraulic disc brakes 2.8mm calipers
Brake Lever	XD-E610
Handlebar	PROMAX HB-T305
Headset	PROMAX GH-825L
Grips	Leather Grips
Stem	PROMAX FH05W 600W
Saddle	JUSTEK TTZ019X 265mm wide comfort saddle
Seatpost	SP-2013 27.5*350mm with 12.9class M10bolt
Tires	COMPASS 20"x4" Colorful Fat Tire
 Tubes	Emerald
Wheel	XIONGFENG Magnesium Alloy Intergrated Wheel
Derailleur	Shimano TX50-7 7 speeds
Cassette	Shimano 7 speeds
Chain	KMC 7 speeds
Crankset	PROWHEEL POR-552PP-3/32"52T*170mm
Bottom Bracket	Sealed Cartridge Bearing
Pedals	Wellgo F136 Folding Pedal
Front Light	DH004/48vL:300mm
Rear Light	DR006/48V
Lock	None



Frame Size Measurements

Top Tube Length	26.3 inches
Reach	19 inches
Head Tube Length	6.5 inches
Standover Height	15.35 inches
Wheelbase	44.4 inches
Min Saddle Height	33.5 inches
Max Saddle Height	40 inches

Measurements When Folded

Length	35 inches
Width	19.5 inches
Height	38 inches

Electric Specs

Battery	Nominal Voltage: 48V Nominal: 10.5Ah Weight (Approx.): 8.6 lb Cell: Samsung 35E 18650 Dimension (L*W*H): 135*90*45mm
Motor	Motor parameters: 500W hub-motor (750W peak) Speed: 20-25 MPH Motor Parameters: 48v500W/380R (max.478R) Top Speed: 20 MPH Maximum Torque: 52.91N.m Noise Level: ≤ 55dB (measured at 1m axial) Weight: 12.8lbs Mounting Width: 175mm Max. Diameter of Wheel: 420mm Model: CZJB104Y16L175
Display	LCD 5 classes of display
PAS	Model: SM-07 Rated Voltage: 5V (DC) Installation Direction: Left/Right Color: Black Corresponding Time When Brake: <0.001S Corresponding Distance: 2.3mm Hall Electrical Life: >20M times Insulation Wet Condition: >20M ohm Insulation Dry Condition: >2M ohm
Charger	Input: AC110-240V-2A Model: KYLC109V55N Output: DC54 2A 47-63Hz 13. 15A 250V
Throttle	Approvals: RRoHS Size: L 60mm W 30mm H 47.5mm Waterproof: IPX Materials: PC/ABS Wiring: Three Core Wiring Power: Working Voltage 5V Output Voltage 0.8-4.2V

Throttle	5-Level Pedal Assist				
Top Speed 20 MPH	Level 1	Level 2	Level 3	Level 4	Level 5
Range 30 Miles	Speed 10 MPH Range 55 Miles	Speed 13 MPH Range 45 Miles	Speed 15 MPH Range 40 Miles	Speed 17 MPH Range 35 Miles	Speed 20 MPH Range 30 Miles

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Contact support@emerald.shop if you have pricing questions.