

SPECIFICATIONS

Electronics

MOTOR	BLACK 48V BRUSHLESS GEARED REAR HUB MOTOR; 500 WATT NOMINAL POWER RATING; 45NM TORQUE; QUICK DISCONNECT CABLE WITH WATERPROOF CONNECTION.
BATTERY	48 VOLT 14 AMP HOUR WITH PREMIUM LITHIUM ION 18650 CELLS; SMART BIKE TECHNOLOGY WITH ESB APP INTEGRATION; AUTO SLEEP FUNCTION AND BLUETOOTH CONNECTIVITY.
CHARGER	3 AMP SMART CHARGER WITH INTERNAL FAN AND CHARGE INDICATOR LIGHT.
CONTROLLER	48 VOLT 18 AMP SINE WAVE CONTROLLER WITH CUSTOM PEDALSENSE® SOFTWARE AND WATERPROOF CONNECTIONS.
THROTTLE	TWIST AND GO THROTTLE WITH THREADED WATERPROOF CONNECTION.
PEDALSENSE®	FREE RIDE MODE (NO POWER), FIVE LEVELS OF PEDAL ASSIST WITH THROTTLE OVERRIDE, AND THROTTLE ONLY MODE.
DISPLAY	3.5" BACKLIT LCD SCREEN; 4 BUTTONS TO CONTROL ELECTRONICS, TOGGLE INFO DISPLAYED, AND CUSTOMIZE SETTINGS; USB CHARGING PORT; WATERPROOF THREADED CONNECTION; CUSTOM PEDALSENSE® SOFTWARE.
TOP SPEED	20 MPH WITH MOTOR ASSISTANCE ONLY.

Drivetrain

FRONT DERAILLEUR	SHIMANO DEORE M600 10 SPEED; DOUBLE CHAINRING; HIGH CLAMP, DOWN SWING / TOP PULL; MODEL NO: FD-M618-H.
REAR DERAILLEUR	GSHIMANO SLX M7000 10 SPEED; INTEGRATED CLUTCH FOR MAXIMUM CHAIN RETENTION; RIDER TUNED FOR SHARP AND SILKY SHIFTS; MODEL NO: RD-M7000-10-SGS.
CASSETTE	SHIMANO DEORE M6000 10 SPEED HYPERGLIDE 11-36T; PRECISE AND CONSISTENT SHIFTING PERFORMANCE; MODEL NO: CS-HG50-10.
SHIFTERS	SHIMANO SLX M670 2x10 SPEED; DYNA-SYS WITH OPTICAL GEAR DISPLAY; MODEL NO: SL-M670-L/R.
BOTTOM BRACKET	68MM x 127.5MM SQUARE TAPER SPINDLE WITH SEALED CARTRIDGE BEARINGS; INTEGRATED TORQUE SENSOR.
CHAIN	10 SPEED KMC X10E; RUSTBUSTER TREATMENT; 118 LINKS.
CRANK	BLACK 3 PIECE CRANK WITH 4x104MM 44T/32T 3/32" CHAINRINGS; 175MM FORGED ALUMINUM CRANK ARMS.
PEDALS	BLACK WELLGO ALUMINUM PLATFORM PEDAL; 9/16" SPINDLE; SEALED CARTRIDGE BEARING/ POLYMER DU BUSHING; INTEGRATED PEDAL REFLECTORS.

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SPECIFICATIONS

Brakes

CALIPERS	MAGURA MT4E; 2 PISTON HYDRAULIC DISC BRAKE WITH EASY BLEED TECHNOLOGY, MAGURA ROYAL BLOOD (MINERAL OIL BASED).
LEVERS	MAGURA MT4E; 3 FINGER BALL END, ALUMINUM WITH MOTOR CUTOFF SWITCH FOR MAXIMUM SAFETY; CARBOTECTURE BODY, FLIP FLOP DESIGN.
PADS	MAGURA 7.P PERFORMANCE; ORGANIC MATERIAL WITH STEEL BACKING PLATE; OFFER SAFETY TOGETHER WITH EXCELLENT PERFORMANCE IN ALL SITUATIONS.
ROTORs	MAGURA STORM; 180MM DIAMETER; STIFF, DURABLE DESIGN WITH A STRAIGHT, PREDICTABLE BRAKING SURFACE.

Components

FRAME	6061-T6 ALUMINUM ALLOY; 1 1/8"-1 1/2" TAPERED HEAD TUBE; INTEGRATED DOWNTUBE BATTERY MOUNT; INTERNAL / EXTERNAL CABLE AND WIRE ROUTING.
FORK	ROCKSHOX RECON RL 27.5"; 100MM TRAVEL SOLO AIR SPRING; 1 1/8"-1 1/2" TAPERED STEERER TUBE; 15x100MM MAXLE LITE; COMPRESSION DAMPING ADJUSTMENT WITH HYDRAULIC LOCKOUT; REBOUND DAMPING ADJUSTMENT
HEADSET	BLACK ZERO STACK SEMI-INTEGRATED; 1 1/8" - 1 1/2" THREADLESS TAPERED; ZS44/28.6 ZS56/40.
SEATPOST	BLACK 30.9MM x 350MM RIGID SEATPOST WITH INTEGRATED SADDLE RAIL CLAMP.
SADDLE	MTB STYLE WITH SINGLE DENSITY LIGHTWEIGHT FOAM; CHROMOLY RAILS; CENTER CHANNEL RELIEF; 270MM L x 144MM W.
RIMS	BLACK WEINMANN DYNO E40 27.5"; 26MM INTERNAL WIDTH; PINNED JOINT; FRONT: 32 HOLE; REAR 36 HOLE; DESIGNED FOR HEAVY LOADS OF E-BIKES.
SPOKES	FRONT: BLACK 13 GAUGE HEAVY DUTY STAINLESS STEEL SPOKES WITH BRASS NIPPLES. REAR: BLACK 12 GAUGE HEAVY DUTY STAINLESS STEEL SPOKES WITH BRASS NIPPLES.
GRIPS	PEDEGO RUBBER LOCK ON GRIPS; DIAMOND GRIP PATTERN.
HANDLEBAR	BLACK MTB RISER; ALUMINUM ALLOY; 31.8MM STEM CLAMP DIAMETER; 9° BACKSWEEP, 5° UPSWEEP; 20MM RISE; 720MM WIDTH.
STEM	BLACK 3D FORGED ALUMINUM ALLOY; 80MM LENGTH; 7° RISE; 31.8MM HANDLEBAR CLAMP DIAMETER; 1 1/8" (28.6MM) THREADLESS STEERER TUBE CLAMP DIAMETER.
TIRES	MAXXIS ARDENT 27.5" x 2.25"; SINGLE RUBBER COMPOUND; 60 TPI CASING / FOLDING BEAD; SILK SHIELD PUNCTURE PROTECTION; eBIKE RATED; SCHRADER VALVE.

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SPECIFICATIONS

Extras

KICKSTAND

BLACK URSUS KAISER 69; ALUMINUM ALLOY CENTER KICKSTAND; ADJUSTABLE LENGTH COMPOSITE FOOT.

TOOL KIT

CUSTOM PEDEGO TOOL KIT: 6" ADJUSTABLE WRENCH (UP TO 15MM), 12/13G SPOKE WRENCH, T25 TORX WRENCH, 6MM HEX WRENCH, 5MM HEX WRENCH WITH #2 PHILLIPS SCREWDRIVER, 4MM HEX WRENCH.

Weight

BIKE (NO BATTERY)

ONE SIZE: 46.2 LB.

BATTERY

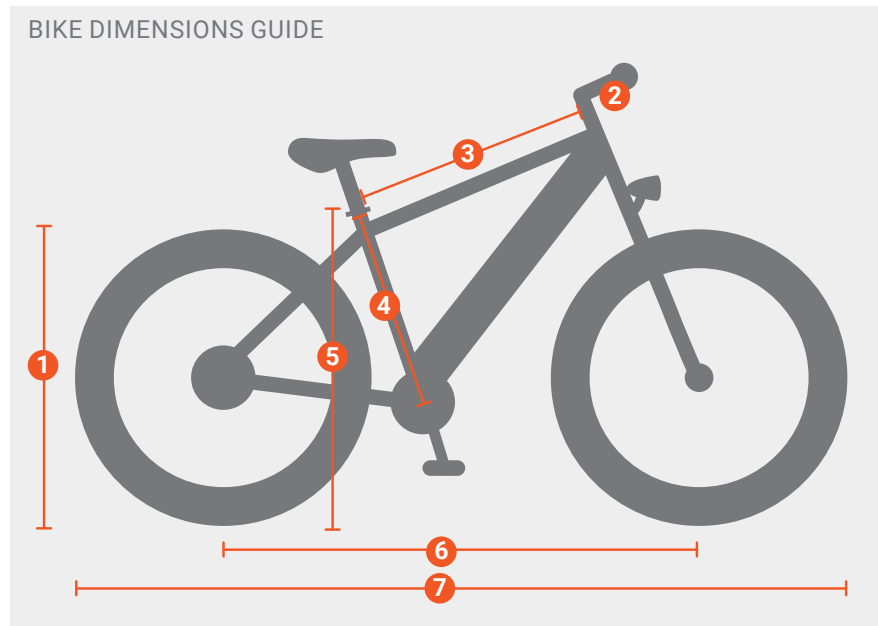
48V/14Ah: 8.2LB.

**All bicycle weights do not include a battery. Due to manufacturing tolerances of the individual components the overall bike weight may vary +/- 5%.*

DIMENSIONS

Ridge Rider

BIKE DIMENSIONS GUIDE



- 1 REAR HEIGHT**
27.5" (699mm)
- 2 HANDLEBAR WIDTH**
28" (711mm)
- 3 SEAT TUBE TO HANDSET**
23" (584mm)
- 4 SEAT CLAMP TO CRANK**
18.75" (476mm)
- 5 SEAT CLAMP TO GROUND**
30" (762mm)
- 6 AXLE TO AXLE**
46.5" (1181mm)
- 7 END TO END**
73" (1854mm)

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