

KEY FEATURES



CLIMB A WALL

An exclusive 500 watt motor gives you twice the power of a typical mid drive. The acceleration and hill climbing will take your breath away – from exhilaration, not over-exertion! Long and steep hills don't stand a chance. Don't try it at home, but it can even climb a wall!

TWIST-AND-GO THROTTLE

Enjoy the excitement and convenience of having full power on demand. A throttle is especially helpful for getting started from a standstill (sometimes it can be awkward to gain momentum), getting a quick burst of power to climb a hill, or safely getting through an intersection.



GO FARTHER

A state-of-the-art 48 Volt battery uses the same advanced lithium-ion cells as an electric car. It weighs less than a housecat and can take you up to 60 miles on about 10 cents worth of electricity.



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ELECTRIC BIKES

SMALL DETAILS MAKE A BIG DIFFERENCE



1. Comfort & Style

Traditional frame geometry and city-style handlebars feel natural and familiar.



2. Adjustable Handlebars

Quick-release handlebar stem allows you to find a perfect fit.



3. Full Coverage

A full coverage chain guard and fenders with mud flaps keep you clean and dry.



4. Bright Lights

Built-in front and rear lights for your safety and convenience.



5. PedalSense®

Twist-and-go throttle, 5 levels of pedal assist, and LCD display with USB charger.



6. Balloon Tires

Kevlar-belted tires help prevent flats and give you a nice, smooth ride.

More Notes...

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SPECIFICATIONS

Electronics

MOTOR	BLACK 48V BRUSHLESS GEARED MID-DRIVE MOTOR WITH INTEGRATED TORQUE SENSOR; 500 WATT NOMINAL POWER RATING; 95NM TORQUE.
BATTERY	48 VOLT 10 OR 15 AMP HOUR LITHIUM ION WITH NAME BRAND 18650 CELLS.
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.
TOP SPEED	20 MPH WITH MOTOR ASSISTANCE ONLY.
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.
GEAR SENSOR	CUSTOM SENSOR MOMENTARILY CUTS MOTOR POWER DURING GEAR SHIFTS TO MINIMIZE DRIVETRAIN WEAR.

Drivetrain

DERAILLEUR	SHIMANO ACERA RD-M360 7-SPEED, FULL METAL CONSTRUCTION AND TEFLON COATED BUSHINGS.
CASSETTE	SHIMANO HYPERGLIDE HG20 7 SPEED 12-32T; SMOOTH, LIGHT AND RELIABLE SHIFTING PERFORMANCE.
SHIFTER	SHIMANO FT55 TOURNEY RIGHT HAND THUMB SHIFTER WITH EASY TO READ GEAR DISPLAY.
BOTTOM BRACKET	PROPRIETARY MID-DRIVE MOTOR INTEGRATION; SQUARE TAPER SPINDLE WITH INTEGRATED TORQUE SENSOR.
CHAIN	SHIMANO HG40 1/2"x3/32" 118-122 LINKS WITH INNER PLATE CHAMFERING.
CRANK	BLACK 3 PIECE CRANK WITH 4x104MM BCD 3/32" 38T CHAINRING AND INTEGRATED CHAINGUARD; 170MM FORGED ALUMINUM CRANK ARMS.
PEDALS	BLACK PEDEGO ALUMINUM PLATFORM PEDAL; 9/16" SPINDLE; POLYMER DU BUSHING; INTEGRATED PEDAL REFLECTORS.

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SPECIFICATIONS

Brakes

CALIPERS	STAR UNION 2 PISTON FORGED ALUMINUM HYDRAULIC DISC BRAKE; MINERAL OIL BRAKE FLUID.
LEVERS	STAR UNION 3 FINGER LEVER; CAST ALUMINUM WITH MOTOR CUTOFF SWITCH FOR MAXIMUM SAFETY.
PADS	ORGANIC MATERIAL WITH STEEL BACKING PLATE; OFFER SAFETY TOGETHER WITH EXCELLENT PERFORMANCE IN ALL SITUATIONS.
ROTORS	STAINLESS STEEL; 180MM DIAMETER; STIFF, DURABLE DESIGN WITH A STRAIGHT, PREDICTABLE BRAKING SURFACE.

Components

FRAME	6061-T6 ALUMINUM ALLOY WITH MID-DRIVE MOTOR MOUNT; INTEGRATED REINFORCED REAR RACK FOR BATTERY AND STORAGE; INTERNAL CABLE AND WIRE ROUTING.
FORK	26" OR 28" RIGID HIGH TENSILE STEEL; 1 1/8" THREADED STEERER TUBE; DISC BRAKE AND FENDER MOUNTS.
HEADSET	ZERO STACK SEMI-INTEGRATED 1 1/8" THREADED; ZS44/28.6-26TPI ZS44/30.
SEATPOST	BLACK 27.2MM x 350MM COIL SPRUNG SUSPENSION SEATPOST WITH 40MM OF TRAVEL AND ADJUSTABLE PRELOAD.
SADDLE	EXTRA WIDE CRUISER STYLE SADDLE WITH SOFT FOAM; REAR FACING PEDEGO LOGO; 265MM L x 265MM W.
RIMS	26" OR 28" EXTRA STRENGTH DOUBLE WALL LIGHTWEIGHT ALUMINUM ALLOY; 12G X 36 HOLE.
SPOKES	BLACK HEAVY DUTY 12 GAUGE STAINLESS STEEL SPOKES WITH BRASS NIPPLES.
GRIPS	PEDEGO SYNTHETIC LEATHER GRIP WITH HAND STITCHING AND FOAM PADDING; COLOR MATCHED BALLOON PACKAGE.
HANDLEBAR	BLACK ERGONOMIC CITY STYLE; ALUMINUM ALLOY; 25.4MM CLAMP DIAMETER; 650MM WIDTH.
STEM	BLACK QUICK RELEASE ADJUSTABLE QUILL STYLE; 110MM LENGTH; 0-80 DEGREE ADJUSTABLE ANGLE; 25.4MM HANDLEBAR CLAMP DIAMETER; HEIGHT ADJUSTABLE 0-60MM; FOR 1 1/8" (28.6MM) THREADED STEERER TUBE.
TIRES	SCHWALBE FAT FRANK 28" x 2.0" WITH K-GUARD KEVLAR FLAT PROTECTION OR SCHWALBE BIG APPLE 26" x 2.0" WITH RACEGUARD FLAT PROTECTION; SLIME INNER TUBE SEALANT; SCHRADER VALVE.

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SPECIFICATIONS

Extras

LIGHTS

FRONT: LED WITH ADJUSTABLE MOUNT 40 LUX (200 LUMENS); REAR: LED BUILT INTO BATTERY; BOTH POWERED BY MAIN BATTERY AND CONTROLLED BY DISPLAY.

KICKSTAND

BLACK 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.

FENDERS

BLACK / COLOR MATCHED STEEL FULL LENGTH FENDERS WITH INTEGRATED MUD FLAPS; STAINLESS STEEL STAYS.

Weight

BIKE (NO BATTERY)

STEP THRU 26": 53.6 LB; STEP THRU 28": 54.6 LB; CLASSIC 28": 54.8 LB.

BATTERY

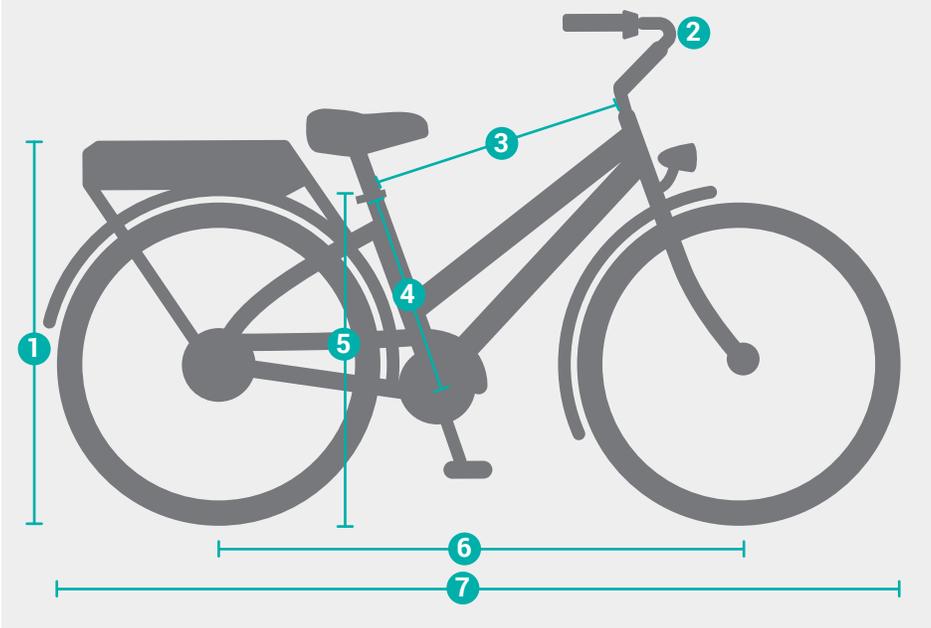
48V/15Ah: 9.2 LB; 48V/10Ah: 8.8 LB.

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

DIMENSIONS

City Commuter Step-Thru 26"

BIKE DIMENSIONS GUIDE



- 1 REAR HEIGHT
31" (787mm)
- 2 HANDLEBAR WIDTH
26" (660mm)
- 3 SEAT TUBE TO HANDSET
21" (533mm)
- 4 SEAT CLAMP TO CRANK
15" (381mm)
- 5 SEAT CLAMP TO GROUND
26.5" (673mm)
- 6 AXLE TO AXLE
45" (1143mm)
- 7 END TO END
70" (1778mm)

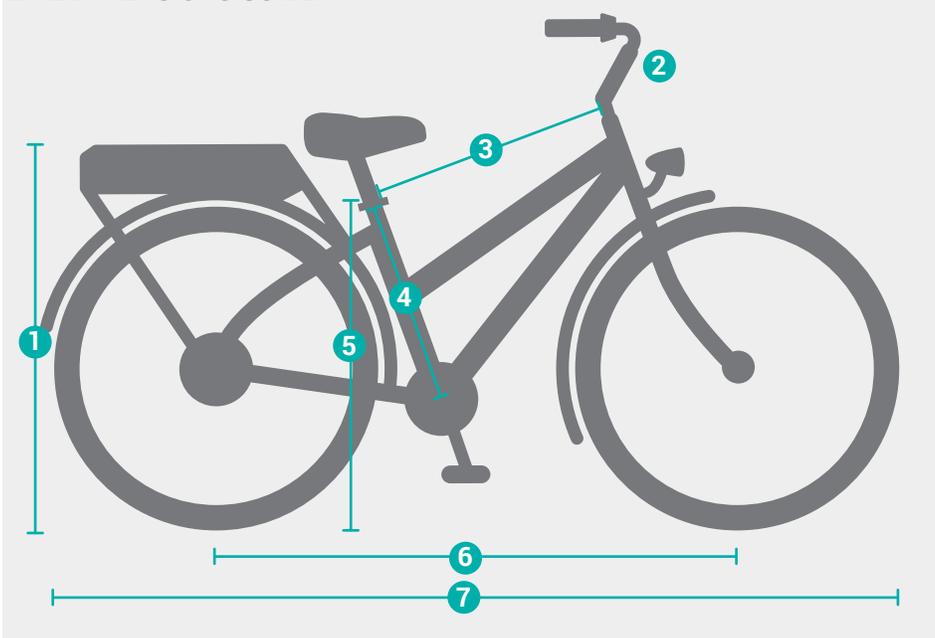
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DIMENSIONS

City Commuter Step-Thru 28"

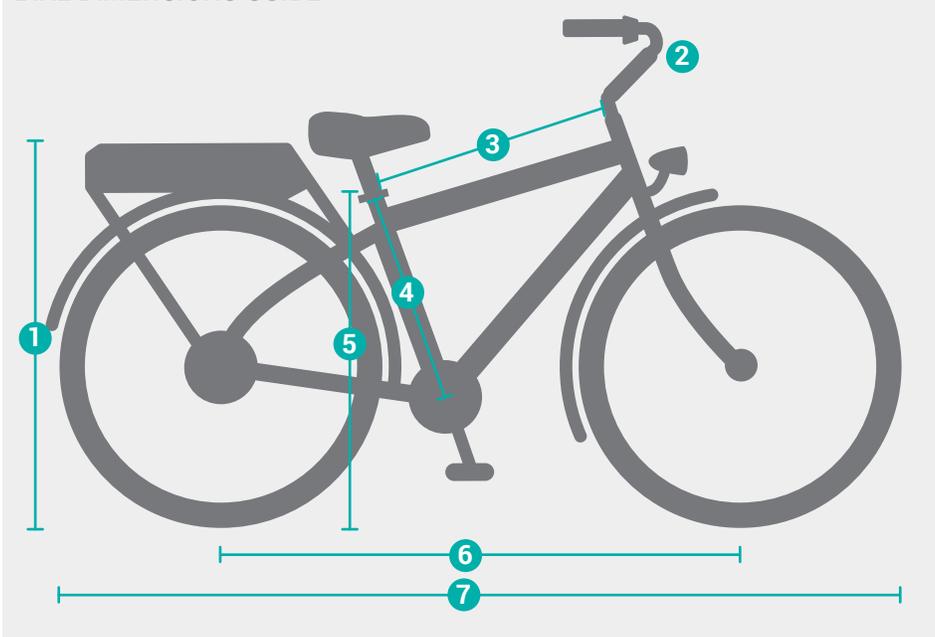
BIKE DIMENSIONS GUIDE



- 1 REAR HEIGHT
33" (838mm)
- 2 HANDLEBAR WIDTH
26" (660mm)
- 3 SEAT TUBE TO HANDSET
22" (559mm)
- 4 SEAT CLAMP TO CRANK
17" (432mm)
- 5 SEAT CLAMP TO GROUND
29" (736mm)
- 6 AXLE TO AXLE
44.5" (1130mm)
- 7 END TO END
74" (1880mm)

City Commuter Classic 28"

BIKE DIMENSIONS GUIDE



- 1 REAR HEIGHT
33" (838mm)
- 2 HANDLEBAR WIDTH
26" (660mm)
- 3 SEAT TUBE TO HANDSET
24" (610mm)
- 4 SEAT CLAMP TO CRANK
18" (457mm)
- 5 SEAT CLAMP TO GROUND
30" (762mm)
- 6 AXLE TO AXLE
47" (1194mm)
- 7 END TO END
75" (1905mm)

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