

BOOMERANG: PLATINUM EDITION

(\$3,995.00 to \$4,895.00)

The Boomerang: Platinum Edition is for those who refuse to settle for less. It makes the most accessible electric bike ever even more lovable with premium upgrades.



FRAME OPTIONS AND COLORS

STEP THRU 26"



Granite

STEP THRU 24"



Granite

TIRE / WHEEL OPTIONS



Black Balloon



Mag Wheel Upgrade

BATTERY OPTIONS



52V 10.5Ah



52V 17.5Ah

Notes

When you buy a Pedego, you're investing in:



The *peace of mind* of an industry leading five year warranty



Smart design and exceptional *quality that lasts*



Friendly customer care that goes the extra mile

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KEY FEATURES



SMOOTH RIDE

A high-end suspension fork allows you to effortlessly glide over bumps in the road. A simple lockout switch saves energy when you don't need the suspension.

STOP ON A DIME

Top of the line hydraulic disk brakes stop on a dime with the greatest of ease. The levers are easier to pull than normal disk brakes, and they feel more responsive.



BREATHTAKING PERFORMANCE

- A whisper quiet, 749 watt motor delivers best in class acceleration and hill climbing. The sensation of power it gives you is exhilarating.
- A state-of-the-art 52 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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SMALL DETAILS MAKE A BIG DIFFERENCE



1. Easy Access

The ultra low, 9" step thru frame makes riding fun and easy for more people.



2. Comfy Seat

Soft saddle with a Thudbuster® suspension seatpost for extra cushioning where it counts.



3. Bright Lights

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



4. Balloon Tires

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



5. PedalSense®

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



6. Adjustable Handlebars

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

More Notes...

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SPECIFICATIONS (WR)

Electronics

MOTOR	BLACK 52V BRUSHLESS GEARED REAR HUB MOTOR; 749 WATT NOMINAL POWER RATING; 60NM TORQUE; QUICK DISCONNECT CABLE WITH WATERPROOF CONNECTION.
BATTERY	52 VOLT 17.5 OR 10.5 AMP HOUR WITH PREMIUM LITHIUM ION 18650 CELLS; SMART BIKE TECHNOLOGY WITH CANBUS COMMUNICATION; AUTO SLEEP FUNCTION.
CHARGER	52V 2 AMP PEDEGO FANLESS BATTERY CHARGER WITH CHARGE INDICATOR LIGHT.
CONTROLLER	52 VOLT 22 AMP SINE WAVE CONTROLLER WITH CUSTOM PEDALSENSE® SOFTWARE AND WATERPROOF CONNECTIONS.
THROTTLE	CUSTOM PEDEGO TWIST AND GO THROTTLE WITH COLOR LED ASSIST INDICATOR FOR MAXIMUM SAFETY; THREADED WATERPROOF CONNECTION.
PEDALSENSE®	FREE RIDE MODE (NO POWER), FIVE LEVELS OF PEDAL ASSIST WITH THROTTLE OVERRIDE AND TORQUE OR CADENCE MODE, THROTTLE ONLY MODE.
TOP SPEED	CLASS 2: 20 MPH MAX, WITH PEDAL ASSIST AND THROTTLE ASSIST CLASS 3: 28 MPH MAX, WITH PEDAL ASSIST ONLY (SOFTWARE UPGRADE AVAILABLE THROUGH PEDEGO DEALER ONLY).
DISPLAY	3.5" BACKLIT LCD SCREEN WITH CANBUS COMMUNICATION; 4 BUTTONS TO CONTROL ELECTRONICS, TOGGLE INFO DISPLAYED, AND CUSTOMIZE SETTINGS; USB CHARGING PORT; WATERPROOF THREADED CONNECTION; CUSTOM PEDALSENSE® SOFTWARE.

Drivetrain

DERAILLEUR	SHIMANO DEORE M6000 10 SPEED; INTEGRATED CLUTCH FOR MAXIMUM CHAIN RETENTION; RIDER TUNED FOR SHARP AND SILKY SHIFTS; MODEL NO: RD-M6000-10-SGS.
CASSETTE	SHIMANO DEORE M6000 10 SPEED HYPERGLIDE 11-36T; PRECISE AND CONSISTENT SHIFTING PERFORMANCE; MODEL NO: CS-HG50-10.
SHIFTER	SHIMANO DEORE M6000 10 SPEED; DYNA-SYS WITH OPTICAL GEAR DISPLAY; MODEL NO: SL-M6000-10-R.
BOTTOM BRACKET	68MM x 127.5MM SQUARE TAPER SPINDLE WITH SEALED CARTRIDGE BEARINGS; INTEGRATED TORQUE SENSOR.
CHAIN	10 SPEED KMC X10EPT; RUSTBUSTER TREATMENT.
CRANK	BLACK 3 PIECE CRANK WITH 5x130MM 52T 3/32" CHAINRING; 170MM 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 (WR)

Brakes

CALIPERS	STAR UNION 2 PISTON FORGED ALUMINUM HYDRAULIC DISC BRAKE; MINERAL OIL BRAKE FLUID.
LEVERS	STAR UNION 3 FINGER BALL END LEVER; CAST ALUMINUM WITH MOTOR CUTOFF SWITCH FOR MAXIMUM SAFETY.
PADS	CERAMIC 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; INTEGRATED REINFORCED REAR RACK FOR BATTERY AND STORAGE; INTERNAL CABLE AND WIRE ROUTING.
FORK	24" or 26" AIR SPRUNG SUSPENSION FORK; 80MM TRAVEL; 1 1/8" THREADED STEERER TUBE; ADJUSTABLE COMPRESSION WITH HYDRAULIC LOCKOUT.
HEADSET	BLACK ZERO STACK SEMI-INTEGRATED 1 1/8" THREADED; ZS44/28.6-26TPI ZS44/30.
SEATPOST	CANE CREEK THUDBUSTER ST ELASTOMER SUSPENSION SEATPOST; PARALLEL LINKAGE TECHNOLOGY DELIVERS A CLEAR ADVANTAGE IN COMFORT AND CONTROL; 27.2MM x 350MM WITH 33MM OF TRAVEL.
SADDLE	EXTRA WIDE CRUISER STYLE SADDLE WITH SOFT FOAM; REAR FACING PEDEGO LOGO; 265MM L x 265MM W.
RIMS	24" OR 26" ALUMINUM ALLOY DOUBLE WALL RIMS; 24.7MM INTERNAL WIDTH; PINNED JOINT; 3D ANGLE DRILLED SPOKE HOLES; 12G X 36 HOLE.
SPOKES	BLACK 12 GAUGE HEAVY DUTY 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 26" x 2.35" or BIG BEN 24" x 2.15" WITH K-GUARD KEVLAR FLAT PROTECTION; SLIME INNER TUBE SEALANT; SCHRADER VALVE.

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SPECIFICATIONS (WR)

Extras

LIGHTS

FRONT: LED WITH ADJUSTABLE MOUNT 60 LUX;
REAR: LED BUILT INTO BATTERY WITH BRAKE LIGHT AND TURN SIGNAL FUNCTIONS; BOTH POWERED BY MAIN BATTERY AND CONTROLLED BY LCD.

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.

Weight

BIKE (NO BATTERY)

STEP THRU 24": 54.4 LB; STEP THRU 26": 53.4 LB.

BATTERY

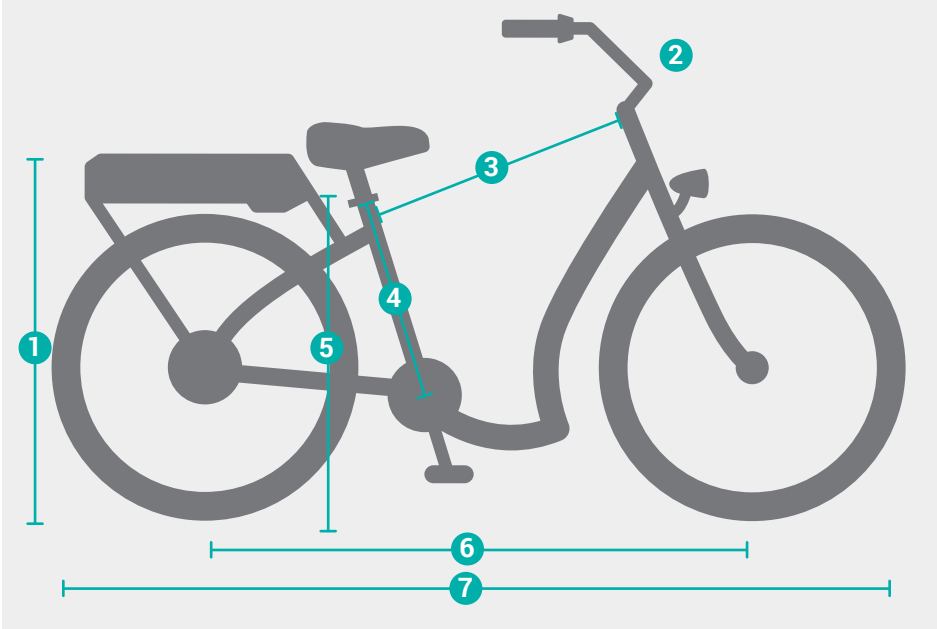
52V/17.5Ah: 10.0 LB; 52V/10.5Ah: 8.8LB.

**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

24" Boomerang Platinum

BIKE DIMENSIONS GUIDE



- ① REAR HEIGHT
29.25" (743mm)
- ② HANDLEBAR WIDTH
26" (660mm)
- ③ SEAT TUBE TO HANDSET
20.25" (514mm)
- ④ SEAT CLAMP TO CRANK
13.5" (343mm)
- ⑤ SEAT CLAMP TO GROUND
25" (635mm)
- ⑥ AXLE TO AXLE
44.25" (1124mm)
- ⑦ END TO END
69" (1753mm)

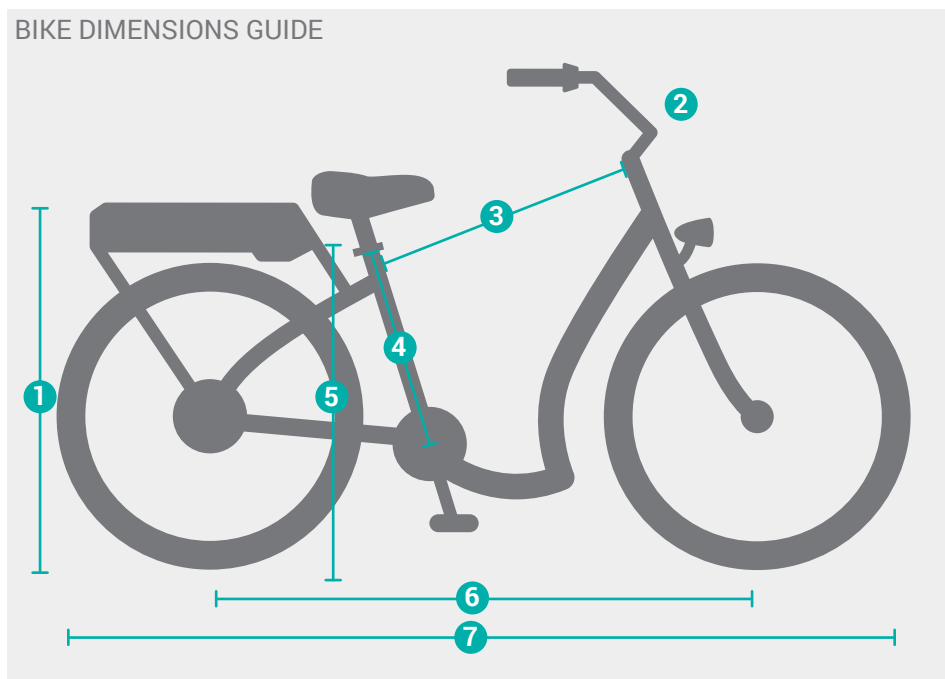
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DIMENSIONS

26" Boomerang Platinum

BIKE DIMENSIONS GUIDE



- ❶ REAR HEIGHT
31.5" (800mm)
- ❷ HANDLEBAR WIDTH
26" (660mm)
- ❸ SEAT TUBE TO HANDSET
21.5" (546mm)
- ❹ SEAT CLAMP TO CRANK
15" (381mm)
- ❺ SEAT CLAMP TO GROUND
27" (686mm)
- ❻ AXLE TO AXLE
47.25" (1200mm)
- ❼ END TO END
74" (1880mm)

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SPECIFICATIONS (TK)

Electronics

MOTOR	BLACK 52V BRUSHLESS GEARED REAR HUB MOTOR; 749 WATT NOMINAL POWER RATING; 60NM TORQUE; QUICK DISCONNECT CABLE WITH WATERPROOF CONNECTION
BATTERY	52 VOLT 17.5 OR 10.5 AMP HOUR WITH PREMIUM LITHIUM ION 18650 CELLS; SMART BIKE TECHNOLOGY WITH CANBUS COMMUNICATION; AUTO SLEEP FUNCTION.
CHARGER	52V 2 AMP PEDEGO FANLESS BATTERY CHARGER WITH CHARGE INDICATOR LIGHT.
CONTROLLER	52 VOLT 22 AMP SINE WAVE CONTROLLER WITH CUSTOM PEDALSENSE® SOFTWARE AND WATERPROOF CONNECTIONS.
THROTTLE	CUSTOM PEDEGO TWIST AND GO THROTTLE WITH COLOR LED ASSIST INDICATOR FOR MAXIMUM SAFETY; THREADED WATERPROOF CONNECTION.
PEDALSENSE®	FREE RIDE MODE (NO POWER), FIVE LEVELS OF PEDAL ASSIST WITH THROTTLE OVERRIDE AND TORQUE OR CADENCE MODE, THROTTLE ONLY MODE.
TOP SPEED	CLASS 2: 20 MPH MAX, WITH PEDAL ASSIST AND THROTTLE ASSIST CLASS 3: 28 MPH MAX, WITH PEDAL ASSIST ONLY (SOFTWARE UPGRADE AVAILABLE THROUGH PEDEGO DEALER ONLY).
DISPLAY	3.5" BACKLIT LCD SCREEN WITH CANBUS COMMUNICATION; 4 BUTTONS TO CONTROL ELECTRONICS, TOGGLE INFO DISPLAYED, AND CUSTOMIZE SETTINGS; USB CHARGING PORT; WATERPROOF THREADED CONNECTION; CUSTOM PEDALSENSE® SOFTWARE.

Drivetrain

DERAILLEUR	L-TWOO A7 10 SPEED; MODEL NO: RD-V5010-L.
CASSETTE	L-TWOO A7 10 SPEED 11-36T; MODEL NO: CS-A7.
SHIFTER	L-TWOO A7 10 SPEED; MODEL NO: SL-V5010-10R.
BOTTOM BRACKET	68MM x 127.5MM SQUARE TAPER SPINDLE WITH SEALED CARTRIDGE BEARINGS; INTEGRATED TORQUE SENSOR.
CHAIN	10 SPEED KMC X10EPT; RUSTBUSTER TREATMENT.
CRANK	BLACK 3 PIECE CRANK WITH 5x130MM 52T 3/32" CHAINRING; 170MM 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 (TK)

Brakes

CALIPERS	TEKTRO HD-E350 2 PISTON FORGED ALUMINUM HYDRAULIC DISC BRAKE; MINERAL OIL BRAKE FLUID.
LEVERS	TEKTRO HD-E350 3 FINGER LEVER; CAST ALUMINUM WITH MOTOR CUTOFF SWITCH FOR MAXIMUM SAFETY.
PADS	TEKTRO E10.11 RESIN MATERIAL WITH STEEL BACKING PLATE; OFFER SAFETY TOGETHER WITH REDUCED NOISE.
ROTORS	STAINLESS STEEL; 180MM DIAMETER; STIFF, DURABLE DESIGN WITH A STRAIGHT, PREDICTABLE BRAKING SURFACE.

Components

FRAME	6061-T6 ALUMINUM ALLOY; INTEGRATED REINFORCED REAR RACK FOR BATTERY AND STORAGE; INTERNAL CABLE AND WIRE ROUTING.
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HEADSET	BLACK ZERO STACK SEMI-INTEGRATED 1 1/8" THREADED; ZS44/28.6-26TPI ZS44/30.
SEATPOST	SR SUNTOUR NCX SUSPENSION SEATPOST; PARALLEL LINKAGE WITH 50MM OF TRAVEL; 27.2MM x 350MM WITH 50MM OF TRAVEL.
SADDLE	EXTRA WIDE CRUISER STYLE SADDLE WITH SOFT FOAM; REAR FACING PEDEGO LOGO; 265MM L x 265MM W.
RIMS	24" OR 26" ALUMINUM ALLOY DOUBLE WALL RIMS; 24.7MM INTERNAL WIDTH; PINNED JOINT; 3D ANGLE DRILLED SPOKE HOLES; 12G X 36 HOLE.
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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	CST METROPOLITAN PALM BAY 26" x 2.35" WITH PUNCTURE PROTECTION OR CST C1381 24" x 2.4"; SLIME INNER TUBE SEALANT; SCHRADER VALVE.

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Extras

LIGHTS

FRONT: LED WITH ADJUSTABLE MOUNT 60 LUX; REAR: LED BUILT INTO BATTERY WITH BRAKE LIGHT AND TURN SIGNAL FUNCTIONS; BOTH POWERED BY MAIN BATTERY AND CONTROLLED BY LCD.

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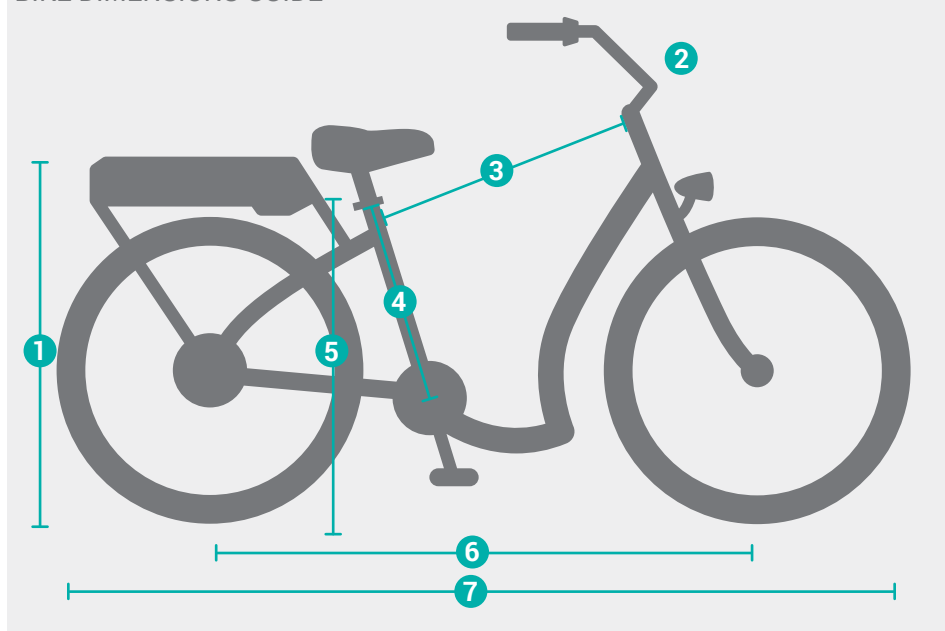
52V/17.5Ah: 10.0 LB; 52V/10.5Ah: 8.8LB.

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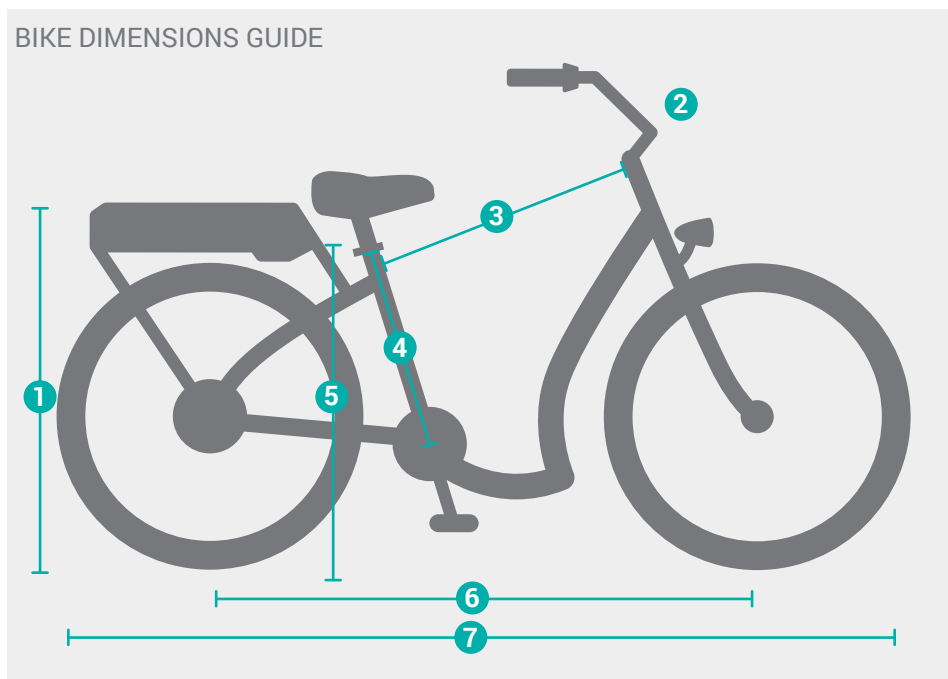
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