

BOOMERANG PLUS

(\$2,995.00 to \$3,695.00)

The Pedego Boomerang Plus is the most accessible electric bike ever. The ultra low, 9" step thru frame makes riding fun and easy for more people.



FRAME OPTIONS AND COLORS

STEP THRU 26"

- Black
- Mineral Blue
- Red
- Shaded Spruce
- Stephanie Blue
- White

STEP THRU 24"

- White
- Mineral Blue
- Red

TIRE / WHEEL OPTIONS

- Black Balloon
- Brown Balloon
- Creme Balloon
- Mag Wheel Upgrade*

BATTERY OPTIONS

- 48v 10ah
- 48v 15ah

* 26" Models Only

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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ELECTRIC BIKES

KEY FEATURES



MADE FOR YOU

The first thing you notice when you ride a Boomerang is how comfortable you feel. You'll swear it was made just for you – because it was!

USER FRIENDLY

The Boomerang is fully loaded with user-friendly features that make riding even more fun. We thought of everything!



BREATHTAKING PERFORMANCE

- A whisper quiet, 500 watt motor delivers best in class acceleration and hill climbing. The sensation of power it gives you is exhilarating.
- 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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SMALL DETAILS MAKE A BIG DIFFERENCE



1. Easy Access

Ultra-low 9" step-thru frame for easy access.



4. Balloon Tires

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



2. Comfy Seat

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



5. PedalSense®

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



3. Bright Lights

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



6. Full Coverage

Full coverage chain guard protects your clothing

More Notes...

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SPECIFICATIONS

26" BOOMERANG PLUS

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 10 OR 15 AMP HOUR WITH PREMIUM LITHIUM ION 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.

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	68MM x 137MM SQUARE TAPER SPINDLE WITH SEALED CARTRIDGE BEARINGS; STEEL CUPS AND BODY.
CHAIN	SHIMANO HG40 1/2"x3/32" 116 LINKS WITH INNER PLATE CHAMFERING.
CRANK	BLACK 3 PIECE CRANK WITH 3/32" 44T INTEGRATED CHAINRING; 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; INTEGRATED REINFORCED REAR RACK FOR BATTERY AND STORAGE; INTERNAL CABLE AND WIRE ROUTING.
FORK	RIGID CHROMOLY 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	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 26" X 2.35"; SCHWALBE BIG APPLE 24" X 2.0" WITH RACE GUARD KEVLAR 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.

Weight

BIKE (NO BATTERY)

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

BATTERY

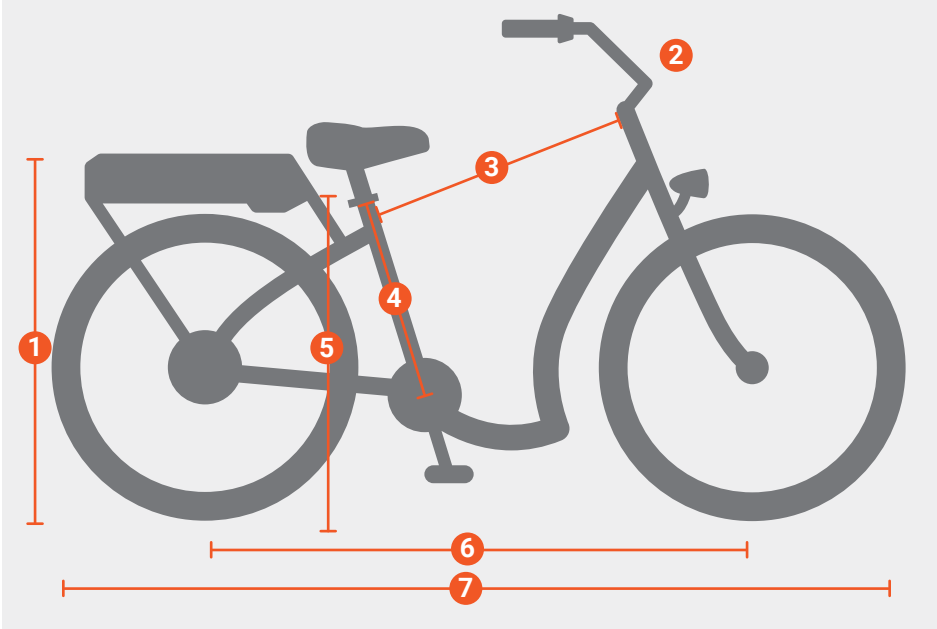
48V/15Ah: 9.2 LB; 48V/10Ah: 8.8LB.

**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

Boomerang Plus 24"

BIKE DIMENSIONS GUIDE



- 1 REAR HEIGHT
29" (737mm)
- 2 HANDLEBAR WIDTH
26" (660mm)
- 3 SEAT TUBE TO HANDSET
21" (533mm)
- 4 SEAT CLAMP TO CRANK
14" (356mm)
- 5 SEAT CLAMP TO GROUND
24" (610mm)
- 6 AXLE TO AXLE
44" (1118mm)
- 7 END TO END
69" (1753mm)

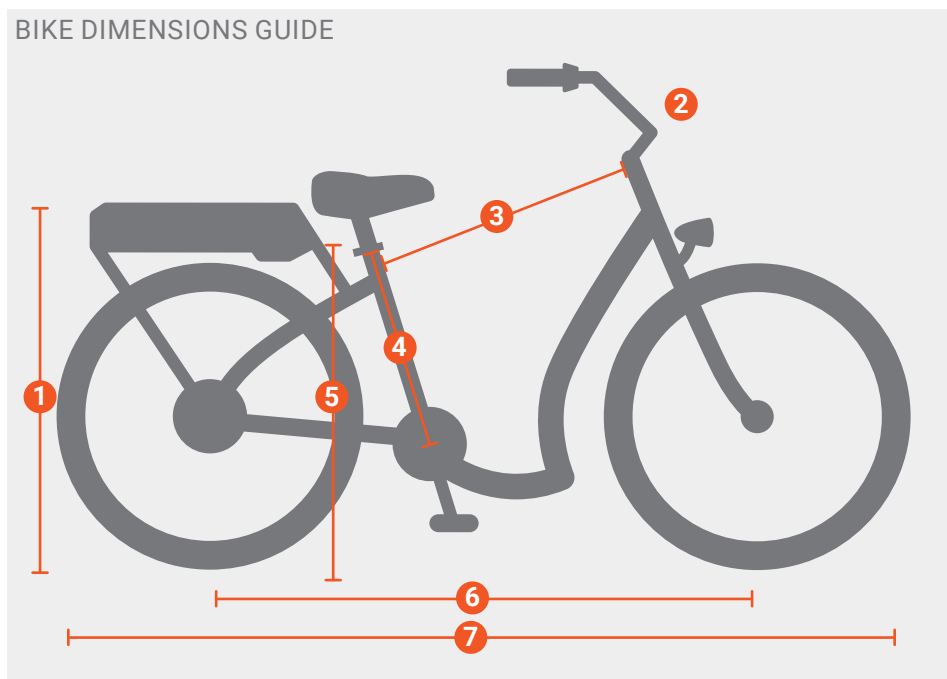
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DIMENSIONS

Boomerang Plus 26"

BIKE DIMENSIONS GUIDE



- ① REAR HEIGHT
31" (787mm)
- ② HANDLEBAR WIDTH
25" (635mm)
- ③ SEAT TUBE TO HANDSET
23.5" (597mm)
- ④ SEAT CLAMP TO CRANK
23" (584mm)
- ⑤ SEAT CLAMP TO GROUND
27" (686mm)
- ⑥ AXLE TO AXLE
47" (1194mm)
- ⑦ END TO END
74" (1880mm)

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