

BOOMERANG CORE

\$1,995


The Pedego Boomerang Core 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 24"

 Gloss White

 Gloss Mineral Blue

STEP THRU 26"

 Gloss Red

 Gloss Shaded Spruce

BATTERY OPTIONS

 52v 10.5Ah

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

Notes

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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, 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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PEDEGO[®]
ELECTRIC BIKES

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. Stop on a Dime

Powerful disc brakes can stop on a dime.

More Notes...

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PEDEGO[®]
ELECTRIC BIKES

BOOMERANG CORE SPECIFICATIONS

Electronics

Motor	500W Rear Hub Motor
Primary Battery	52V 10.5Ah UL2271 Certified Battery Pack
Charger	2A Pedego Charger
HMI Display	Color LCD w/ Ambient Light Sensor & USB-C Charge Port
Multi-function Switch	Turn Signals
Controller	20A w/ Custom PedalSense Software
Assist	Cruise or Torque Assist
Pedal Sensor	Integrated Bottom Bracket Torque & Cadence Sensor
Throttle	Pedego Twist Throttle
Headlight	LED w/ Adjustable Mount - 60 Lux
Taillight	Radiant Taillight w/ Active Brake Light, Running Light & Turn Signals
Top Speed	Class 1: 20MPH, Class 2: 20MPH

Frame

Size	24" or 26"
Colors	Gloss White, Gloss Mineral Blue, Gloss Red, Gloss Shaded Spruce
Material	6061-T6 Aluminum Alloy
Type	Low Step

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SPECIFICATIONS

Fork	Rigid Chromoly Steel; 1 1/8" Threaded Steerer Tube
Fenders	Aluminum Fenders Front & Rear, Matte Black
Center Kickstand	Black Aluminum Alloy Center Kickstand; Adjustable Length Composite Foot

Components

Handlebars	Black Ergonomic City Style; 25.4mm Clamp Diameter; 650mm Width
Grips	Pedego Synthetic Leather Grip, Colormatched Balloon Package.
Stem	Black Quick Release Adjustable Quill Style; 110Mm Length; 0-80 Degree Adjustable Angle; 25.4mm Handlebar Clamp Diameter
Headset	Black Zero Stack Semi-Integrated 1 1/8" Threaded; zs44/28.6-26Tpi zs44
Saddle	Extra Wide Cruiser Style Saddle With Soft Foam 265mm Lx 265mm .
Seatpost	27.2mm x 350mm Suspension Seatpost With 40mm Of Travel And Adjustable Preload.

Drivetrain

Crank Arms	170mm Forged Aluminum Crank Arms.
Chainring	52T w/ Double Chain Guide
Pedals	Plastic Composite, Sealed Cartridge Bearing/ Polymer Bushing
Derailleur	Shimano Acera RD-M360 8 Speed
Shift Lever	Shimano M315 8 Speed Trigger Shifter w/ Indicator.
Cassette	Shimano HG200 8 Speed 12-32T
Chain	Shimano HG40 (24": 120 Links, 26": 124 Links)

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SPECIFICATIONS

Brakes

Calipers Tektro HD-E3520, 2 Piston Forged Aluminum Hydraulic Disc Brake

Levers Tektro, 3 Finger Cast Aluminum Lever

Pads Tektro E10.11 Resin Pads, 4mm Thickness

Rotors Tektro TR-52 180mm Rotors, 1.8mm Thickness

Wheels

Front Aluminum 36H

Rear Aluminum 36H

Tires Big Ben 24" X 2.15" or Schwalbe Fat Frank 26" X 2.35 w/ K-Guard Kevlar Flat Protection; Schrader Valve.

Tubes 24" X 2.15" or 26" X 2.35"; Slime Inner Tube Sealant; Schrader Valve.

Weights

Bike 24" 54.2lb / 24.6kg | 26" 56.4lb / 25.7kg (w/o Battery)

Primary Battery 10.5Ah: 9.7lb / 4.4kg

Included Accessories

Fenders Front & Rear Fenders

**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%.*

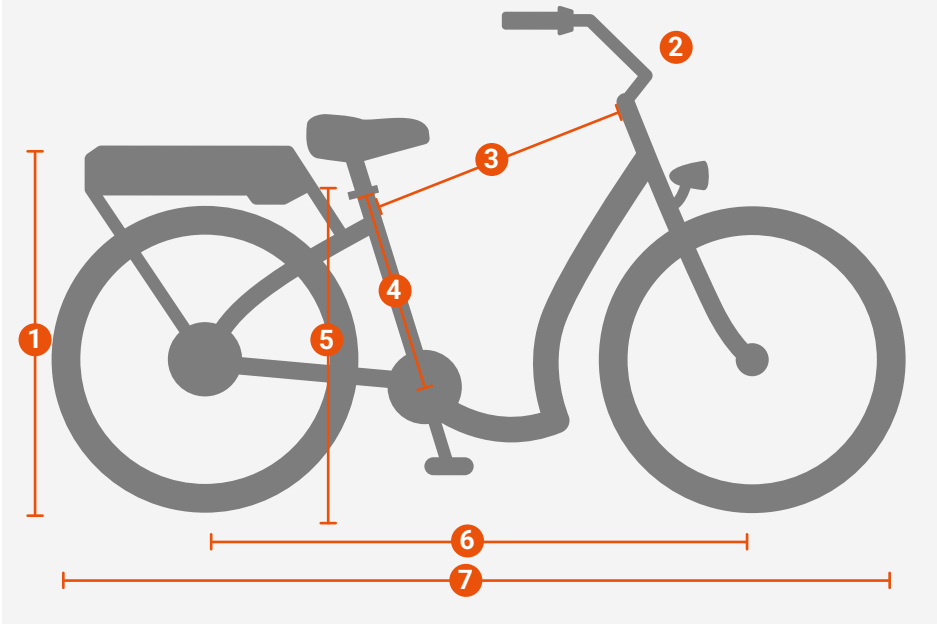
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DIMENSIONS

Boomerang Core 24"

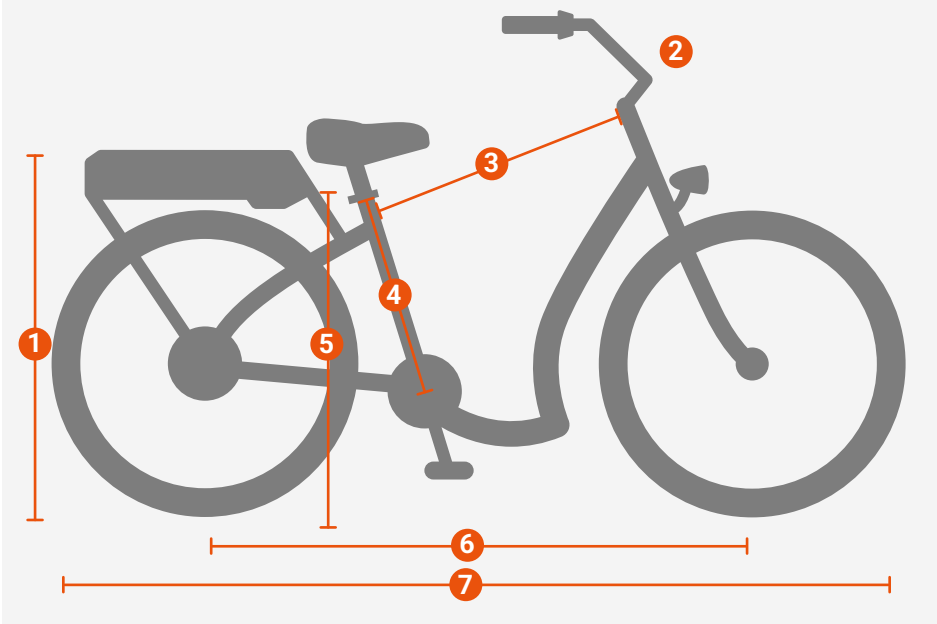
BIKE DIMENSIONS GUIDE



- 1 REAR HEIGHT
29.5" (749mm)
- 2 HANDLEBAR WIDTH
26" (660mm)
- 3 SEAT TUBE TO HEADSET
19.5" (495mm)
- 4 SEAT CLAMP TO CRANK
13.5" (343mm)
- 5 SEAT CLAMP TO GROUND
24.5" (622mm)
- 6 AXLE TO AXLE
43.5" (1105mm)
- 7 END TO END
68.5" (1740mm)

Boomerang Core 26"

BIKE DIMENSIONS GUIDE



- 1 REAR HEIGHT
32" (813mm)
- 2 HANDLEBAR WIDTH
26" (660mm)
- 3 SEAT TUBE TO HEADSET
21.5" (546mm)
- 4 SEAT CLAMP TO CRANK
15" (381mm)
- 5 SEAT CLAMP TO GROUND
27" (686mm)
- 6 AXLE TO AXLE
47 (1194mm)
- 7 END TO END
74" (1880mm)

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