

(\$3,995.00)

ONE SIZE



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



PREMIUM COMPONENTS

A Shimano SLX drivetrain provides easy pedaling and smooth shifting. Magura hydraulic disc brakes stop on a dime. And a RockShox suspension fork helps you maintain traction and ride comfortably over rough terrain.

RIDES LIKE A DREAM

Finely-tuned frame geometry makes you feel like you're one with the bike! Popular 27.5" wheels are responsive and stable. And the battery is built into the frame for sporty handling.



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 56 miles on about 10 cents worth of electricity.



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PEDEGO
ELECTRIC BIKES

SMALL DETAILS MAKE A BIG DIFFERENCE



1. Shimano SLX

10-speed drivetrain for easy pedaling and smooth shifting.



2. RockShox Recon

Suspension fork with 120mm of travel helps you maintain traction.



3. Magura MTE

Hydraulic disc brakes with 180mm rotors that can stop on a dime.



4. Integrated Battery

A removable battery is integrated into the frame for sporty handling.



5. PedalSense®

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



6. 27.5" wheels

Sweet spot between responsive, lightweight 26" wheels and fast, stable 29" wheels

More Notes...

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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. |
| 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

| | |
|-----------------|---|
| CHAIN GUIDE | 1X BLACK ALUMINUM-ALLOY, COMPOSITE UPPER CHAIN GUIDE - BOTTOM BRACKET MOUNTED. |
| REAR DERAILLEUR | SHIMANO 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 M7000 1x10 SPEED; DYNA-SYS WITH OPTICAL GEAR DISPLAY; MODEL NO: SL-M7000-10-R. |
| BOTTOM BRACKET | 68MM x 114.5MM SQUARE TAPER SPINDLE WITH SEALED CARTRIDGE BEARINGS; INTEGRATED TORQUE SENSOR. |
| CHAIN | 10 SPEED KMC X10E-EPT; RUSTBUSTER TREATMENT; 116 LINKS. |
| CRANK | BLACK 3 PIECE CRANK WITH 4x104MM 38T 3/32" STEEL CHAINRING; 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

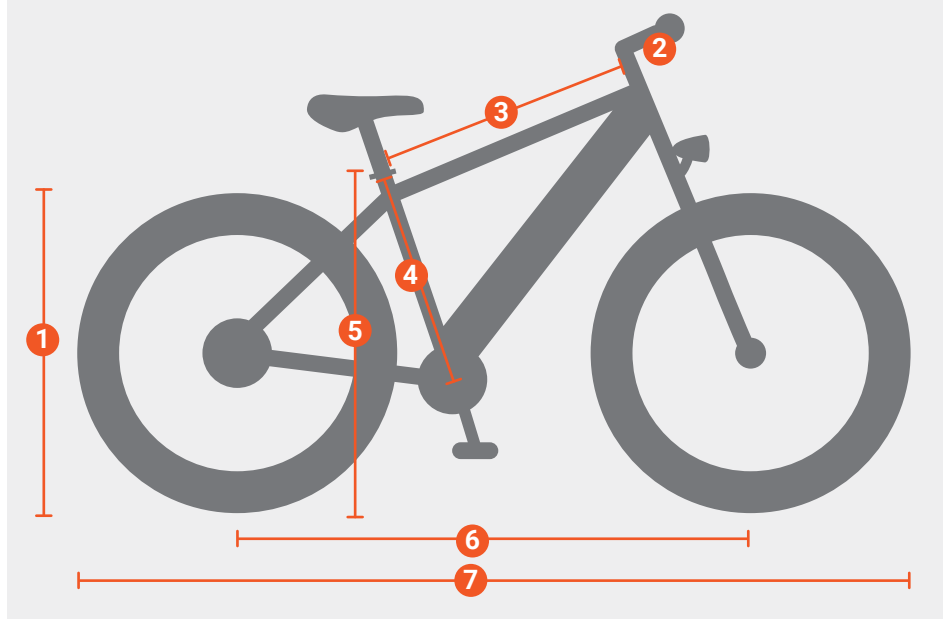
48V/14Ah: 8.2LB.

**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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