

# RIDGE RIDER

(\$4,495.<sup>00</sup>)

The Ridge Rider is ready for adventure. It gives you the freedom to venture off the beaten path and enjoy the great outdoors.



## FRAME OPTIONS AND COLORS

### ONE SIZE

 Black

## TIRE / WHEEL OPTIONS

 Maxxis Ardent Tires

## BATTERY OPTIONS

 48v 14ah

## Notes

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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 Sram GX 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

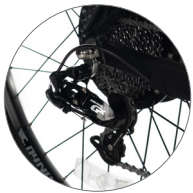
- A whisper quiet, 749 watt motor delivers best in class acceleration and hill climbing. The sensation of power it gives you is exhilarating.
- A state-of-the-art 48 Volt battery uses the same advanced lithium-ion cells as an electric car. It weighs less than a housecat and can take you up to 56 miles on about 10 cents worth of electricity.



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# SMALL DETAILS MAKE A BIG DIFFERENCE



## 1. SRAM GX

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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# RIDGE RIDER SPECIFICATIONS

## Electronics

MOTOR	BLACK 48V BRUSHLESS GEARED REAR HUB MOTOR; 749 WATT NOMINAL POWER RATING; 60NM TORQUE; QUICK DISCONNECT CABLE WITH WATERPROOF CONNECTION.
BATTERY	48 VOLT 14 AMP HOUR WITH PREMIUM LITHIUM ION 18650 CELLS; SMART BIKE TECHNOLOGY WITH CANBUS COMMUNICATION; AUTO SLEEP FUNCTION.
CHARGER	PEDEGO FANLESS 2 AMP SMART CHARGER; SEALED CASE WITH CHARGE INDICATOR LIGHT.
CONTROLLER	48 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.
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.
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)

## Drivetrain

CHAIN GUIDE	1X BLACK ALUMINUM-ALLOY, COMPOSITE UPPER CHAIN GUIDE - BOTTOM BRACKET MOUNTED.
REAR DERAILLEUR	SRAM GX 10-SPEED REAR DERAILLEUR; EXACT ACTUATION™ FOR PRECISE AND DEPENDABLE 10-SPEED PERFORMANCE; CAGE LENGTH = SHORT.
CASSETTE	SRAM PG-1030 10-SPEED CASSETTE, 11-36T; SMOOTH, POWERGLIDE II™ TECHNOLOGY PROVIDES SUPER-SMOOTH SHIFTING BETWEEN GEARS; DURABLE NICKEL CHROME FINISH.
SHIFTERS	SRAM GX 10-SPEED TRIGGER SHIFTER; SRAM X-GLIDE™ SHIFTING, EXACT ACTUATION™ FOR PRECISE AND DEPENDABLE 10-SPEED PERFORMANCE.
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 5x130MM 52T 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

## 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.S SPORT BRAKE PADS; ORGANIC MATERIAL WITH STEEL BACKING PLATE; POWERFUL BRAKING CAPABILITIES WITH HIGH DURABILITY AND SHORTER BED-IN TIME.
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

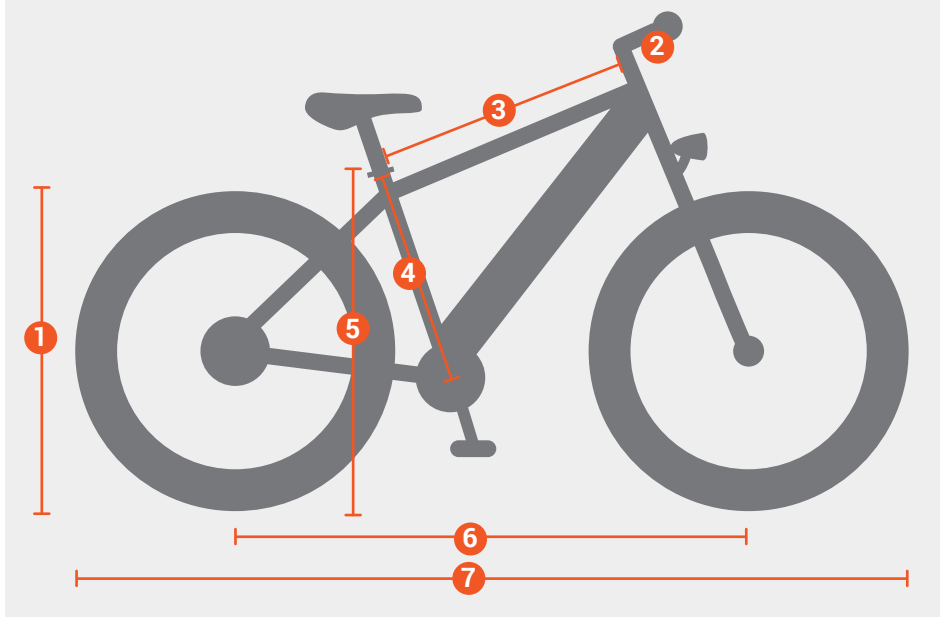
48V/14Ah: 8.2LB.

*\*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



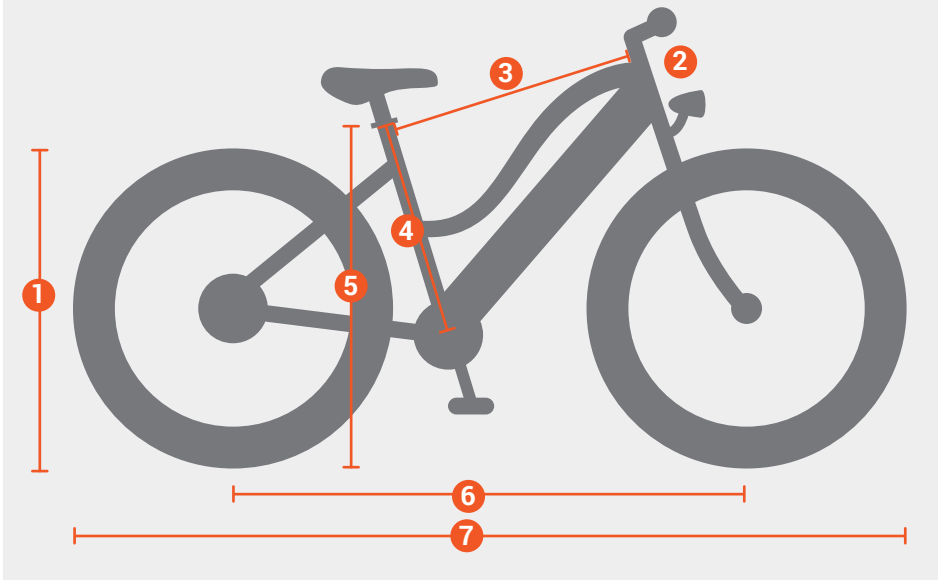
- 1 REAR HEIGHT  
27.5" (699mm)
- 2 HANDLEBAR WIDTH  
28" (711mm)
- 3 SEAT TUBE TO HANDSET  
23" (584mm)
- 4 SEAT CLAMP TO CRANK  
18.75" (476mm)
- 5 SEAT CLAMP TO GROUND  
30" (762mm)
- 6 AXLE TO AXLE  
46.5" (1181mm)
- 7 END TO END  
73" (1854mm)

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