

CANYON



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**INTRODUCING
THE NEW
ENDURANCE: ON AL**

This is it. Canyon's e-road debut – the Endurace:ON AL. A bike that levels the playing field and breaks down barriers to experiencing great rides.

The Endurace:ON AL takes Canyon's award-winning engineering and design from the Endurace road bike and combines it with background support from a Fazua Evation drive system complete with the new Black Pepper Performance Update. The result: a bike that lets everyone keep pace on the climbs, and experience signature Canyon road bike handling on every ride.

**THIS IS PURE CYCLING. TOGETHER.
FOR EVERYONE.**





BREAKING DOWN BARRIERS

The Endurance:ON AL's extra e-support removes the performance barriers between riders of different levels and gives everyone the power they need to enjoy more demanding, hilly terrain.

Riders who want to enjoy a more controlled form of exercise.

Riders fresh to the sport who want to stay in the bunch with their faster clubmates.

Riders who seek a little extra support to keep getting out into challenging terrain.

WITH THE ENDURANCE:ON AL, MORE RIDERS CAN DO WHAT THEY LOVE, WHERE THEY LOVE DOING IT.



DEMOCRATISING PERFORMANCE

The Endurance:ON AL doesn't just break down barriers out on the road. It also makes e-road performance available to a wider spectrum of riders than ever – by offering incredible value in an otherwise premium market segment.

We made it possible with a sensible, solid spec, by building with aluminium frames, and using a fuss-free design with a central focus on delivering fundamental road-riding performance.





AN AUTHENTIC ROAD BIKE

The Endurace:ON AL doesn't feel like an e-bike – it feels like a road bike.

Firstly, we did it by implementing our proven Sport Geometry featured on all Endurace models. The same head and seat tube angles deliver crisp, agile handling. And relaxed stack-to-reach figures put the rider in a classic efficient-yet-comfortable road riding position with less back and shoulder pressure. Also, to meet the demands of e-road riding, we lengthened the chainstays by 10 mm to 425 mm to house the Fazua drive pack and provide a more stable feel when descending with extra mass.

What's more, the Endurace:ON AL also looks the part, thanks to a seamlessly integrated system, and premium Black Asphalt matte finish. The bottom line is: this is an e-bike that all road riders can identify with.

SMOOTH BACKGROUND POWER

The Endurace:ON AL is powered by the rider and a Fazua Evation motor: one of the smoothest, lightest, most compact drive systems around, now enhanced by the Black Pepper Performance Update.

The Evation's low-torque motor provides background support – enhancing the bike's authentic road bike feel, rather than taking it over completely. By avoiding high-torque surges typical of other motors, riders can also ride more safely in a group. What's more, for optimal performance in all road riding scenarios, the Evation has been tuned for optimal responsiveness at higher cadences typical of road riding, and is completely drag-free above 25 kph, so riders can stay in the group when the pace picks up.





PROVEN PARTS

E-road bikes can put more wear and tear on their components – that's why we dedicated time and effort into picking parts that are just right for the Endurace:ON AL.

DRIVETRAIN: Shimano GRX gravel components are extremely durable and maintain conventional road bike ergonomics. A one-by setup provides fuss-free shifting. We spec an 11-speed 11-42 cassette and 48-tooth chainring for all the range you need. A clutch derailleur reduces noise as well as the chance of dropping a chain.

BRAKES: An e-bike's added weight demands stronger brakes. We fit new GRX brake levers with optimised ergonomics for better control, power distribution and modulation. And we pair them with big 160 mm rotors for added stopping power.

TYRES: Schwalbe E-One tyres offer tenacious grip and extra puncture protection, with thicker tread for reduced wear and optimised damping. 32 mm wide tyres give extra volume and comfort, and there's clearance for up to 35 mm rubber.

COCKPIT: Canyon H17 bars and V15 stem are reliable, comfortable, and fuss-free. A carbon seatpost dampens road buzz, and a plush saddle provides added comfort.

ENDURANCE:ON AL FAQ

WHEN DOES THE EMBARGO EXPIRE ON THE ENDURACE:ON AL? WHEN CAN JOURNALISTS PUBLISH STORIES AND PHOTOS FROM THIS PRESS LAUNCH?

The embargo will be lifted at 9 April 2020, 11:00 CET.

HOW MANY ENDURACE:ON AL MODELS WILL THERE BE IN THE LINE-UP NOW AND WHAT WILL THEY COST?

There will be one Endurace:ON AL model, the Endurace:ON AL 7.0. It will retail for around €2,999 making it incredible value for money (please double check prices in your markets with your local Canyon representatives before publishing).

HOW MANY SIZES ARE AVAILABLE?

The bike will be available in four sizes: S, M, L, XL. The range covers the vast majority of riders: from 170 – 196 cm.

IS THERE A WOMEN'S VERSION?

The Endurace:ON AL 7.0 is a unisex model, providing enough range of fit and adjustability for all riders to feel at home on it.

WHEN WILL THE NEW BIKE BE AVAILABLE TO THE PUBLIC?

The Endurace:ON AL 7.0 will go on general sale on Thursday 9 April 2020.

HOW MUCH DOES IT WEIGH?

In a size medium and without pedals the Endurace:ON AL 7.0 tips the scales at 15.2 kg

WHAT IS THE DIFFERENCE BETWEEN THE ENDURACE:ON AL AND THE ROADLITE:ON E-HYBRID?

Like our non-electric Endurace and Roadlite models, the Endurace:ON AL and Roadlite:ON share some features yet are fundamentally very different bikes.

Geometry is the key difference. The Endurace:ON AL has the same head and seat tube angles as non-electric models for agile road bike handling, as well as the same stack-to-reach figures to put the rider in an efficient road riding position, complemented by drop bars and longer road stems that you won't find in our Roadlite:ON line-up.

Component choices were also made with the road in mind, exemplified by tighter gear ratios and fast-rolling tyres for extra speed and efficiency.





CHASSIS AND GEOMETRY

WHAT'S THE STORY WITH THE GEOMETRY?

We took our proven Sport Geometry as a base which has featured on all Endurance models to date. This is our most relaxed road geometry, giving a more upright riding position, reducing back and shoulder pressure meaning more comfort for big days out.

To meet the demands of e-road riding we increased chainstay length by 10 mm to 425 mm in order to house the Fazua drive system and provide a more planted, stable feel, especially when descending with extra mass.

HOW MANY SIZES ARE ON OFFER?

We offer the Endurance:ON AL in four sizes: Small, Medium, Large, and X-Large. The bikes fit a fairly wide range of riders – from 170 centimetres all the way up to 196 centimetres.

MOTOR & BATTERY

WHY DID WE PICK THE FAZUA EVATION DRIVE SYSTEM?

We set out to create our first e-road bike around a minimal assist over a high-torque system.

It was important for us that the Endurance:ON AL maintains as much road bike identity as possible, not just in terms of appearance, but principally in terms of how it rides.

The system we chose had to enhance the ride experience without taking it over entirely, it provides more a helping hand than a high-torque surge.

We wanted the Endurance:ON AL to be at home on group rides. The Fazua Evation system succeeds in providing consistent, sustained support with a seamless transition above 25 kph so you can mix it up with other riders.

At just 4.6 kg for the drive pack (3 kg) and other hardware, this is one of the lighter solutions available today. Its compact package integrates well into the down tube – most would have to look twice before even recognising it's an e-bike.

WHAT SETS THE FAZUA SYSTEM APART?

Canyon is one of the first manufacturers to get our hands on the latest Black Pepper Performance Update from Fazua. The update completely retunes the motor for improved performance across the board:

- **MORE POWER:** overhauled power distribution gives you more of a kick when you need it.
- **A WIDER RANGE OF CADENCES:** the system is also now more efficient and provides even more consistent support over a wider range of cadences – from 50 – 120 rpm. This covers all road riding styles.
- **AN EVEN MORE NATURAL FEEL:** now, the motor's support feels even more gentle and smooth, adapting on-the-fly to ride style input to deliver seamless performance.

And in terms of the hardware itself, the Evation motor is the optimal choice for road riding:

- It's drag-free once you exceed 25 kph so you can keep pushing when the motor disengages.
- Choice of three support modes with Breeze (100 W max. support), River (210 W max. support) and Rocket (250 W max. support). Even in Rocket mode, the motor is very quiet, so you're not distracted from enjoying the ride.
- The Q Factor (distance between pedals) is extremely similar to non-electric bikes. This means you can use a natural road riding pedalling technique, unlike with other systems. The result: it's better biomechanically and also more comfortable, especially if switching between bikes and setups.

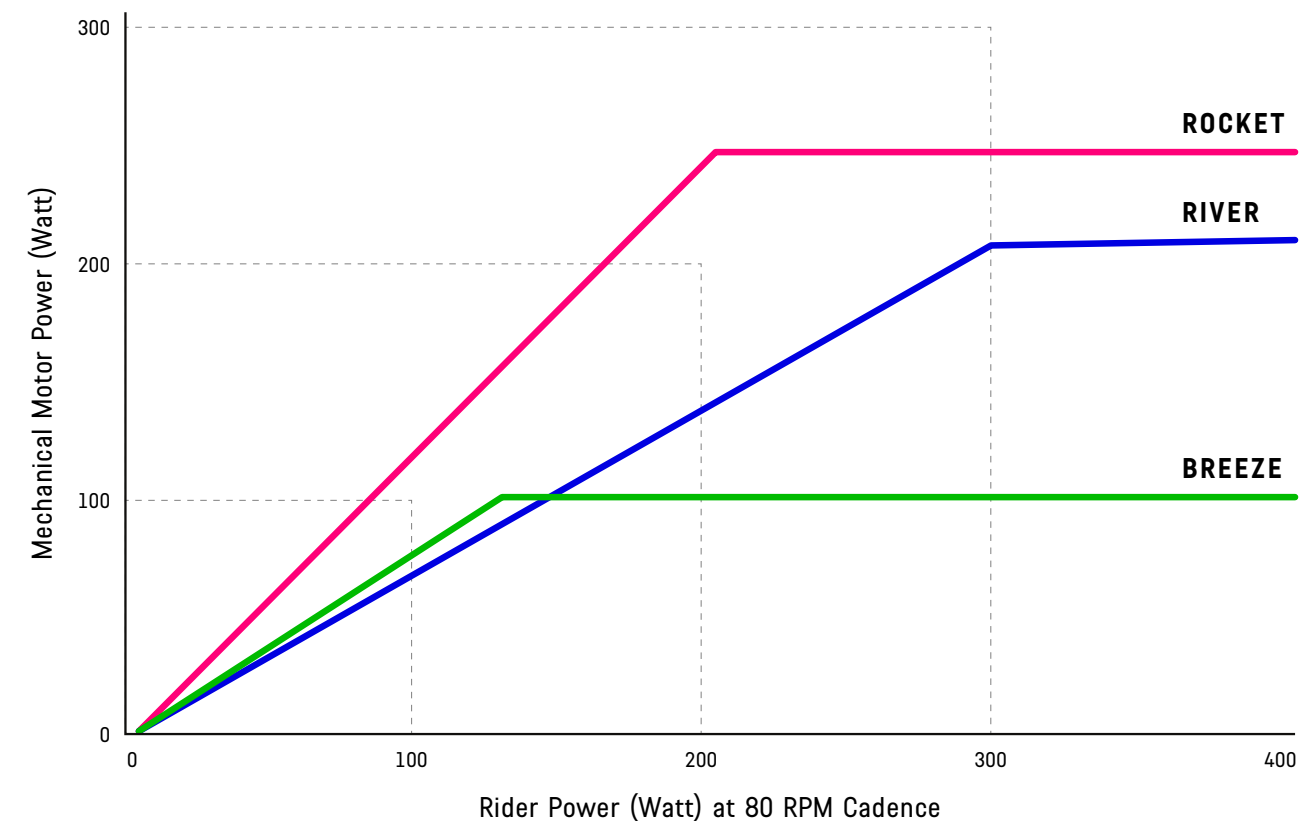
HOW MANY KILOMETRES / MILES OF RIDING CAN YOU GET OUT OF THE FULLY CHARGED BATTERY?

It's impossible to give a definitive answer to this question since the range (on any e-bike) depends on several factors including the temperature outside, your weight, your cadence, how you use the power modes, how much you are climbing, etc. In our own testing, we've found the maximum possible range for our Fazua Evation-equipped bikes to be around 90 km in "Breeze" mode.

HOW LONG DOES IT TAKE TO CHARGE A FULLY DRAINED BATTERY?

We ship all Endurance:ON AL bikes together with a Fazua Evation charger. A full charge for the 250 Wh battery takes around 3½ hours.

SUPPORT RELATION





KEY COMPONENTS

WHAT ULTIMATELY SETS THE CANYON ENDURANCE:ON AL MODELS APART FROM OTHER E-ROAD BIKES?

Outstanding value for money. At a price point of around €2,999, this bike significantly lowers the barriers to entry into the world of e-road riding compared to the vast majority of other options on the market.

WHAT COMPONENTS DID WE SELECT?

- We select Shimano GRX components for shifting and braking. This gravel series toes the line between road and MTB, more durable for the extra force an e-bike puts out on drivetrains, while maintaining conventional road bike controls and ergonomics.
- One-by for straightforward fuss-free shifting across a broad range, clutch derailleur for no dropped chains. 11-speed, 11 – 42T cassette paired with a 48-tooth front chainring provides all the range you'll need.
- Added weight puts more focus on braking, new GRX brake levers feature optimised ergonomics for better control, power distribution and modulation, paired with 160 mm rotors for added stopping power.
- 12x100 mm front and 12x142 mm rear through axles provide a stable interface for improved braking and handling accuracy.
- Robust Alex Rims, spokes and hubs for speed over the long haul.
- Schwalbe E-One tyres offer tenacious grip and extra puncture protection, thicker tread for better wear and damping. 32 mm wide for extra volume and comfort and clearance for up to 35 mm rubber. A confidence-inspiring, fast-rolling, smooth tyre.
- Canyon H17 bars and V15 stem. Reliable, comfortable, fuss-free, consistent design.
- Carbon seatpost dampens road buzz, a plush saddle for added comfort.

GEOMETRY & SPECS

	S	M	L	XL
SEAT TUBE LENGTH (MM)	480	520	540	565
TOP TUBE LENGTH (MM)	556	567	580	600
HEAD TUBE LENGTH (MM)	138	159	182	208
HEAD TUBE ANGLE (°)	72.5	73	73	73.25
SEAT TUBE ANGLE (°)	73.5	73.5	73.5	73.5
CHAINSTAY LENGTH (MM)	425	425	425	425
WHEELBASE (MM)	1007	1014	1040	1045
STACK (MM)	573	595	617	643
REACH (MM)	386	391	398	410
STR	1.48	1.52	1.55	1.57
SPACERS (MM)	25	25	25	25
STEM (MM)	80	90	100	110
HANDLEBAR WIDTH (MM)	420	420	420	440
CRANK ARM LENGTH (MM)	170	172.5	175	175
SEATPOST DIAMETER (MM)	30.9	30.9	30.9	30.9
SEATPOST LENGTH (MM)	350	350	350	350
WHEEL SIZE	28	28	28	28

ENDURACE:ON AL 7.0	
FRAME	Canyon Endurace:ON AL
FORK	Canyon One One Eight CF SL Disc FK0074
MOTOR	Fazua Evation Black Pepper Performance
BATTERY CAPACITY	250 Wh
BRAKE	Shmano GRX RX600
WHEELS	Iridium RXD5C
RIM WIDTH	19 mm
TYRES	Schwalbe E-One Evo, 32 mm
CHAINSET	Samox
GEAR RATIO	48/11 - 42
HANDLEBAR	Canyon H17
STEM	Canyon V15
SADDLE	Velo
SEATPOST	Canyon SP41 VCLS
COLOURS	Asphalt Black
SIZES	S, M, L, XL
WEIGHT	15.2 kg
PRICE	2,999 €





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