

Endurance :ONfly





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THIS CHANGES EVERYTHING

The Endurace:ONfly is the lightest, sleekest, and most natural-feeling e-Road bike in existence.

If that sentence strikes you as just so much marketing blather, consider the facts.

It's astonishingly light. Weighing as little as 9.86 kg, it's on par with plenty non-powered road bikes.

It sets the standard for streamlined aesthetics. The Endurace:ONfly's elegant carbon chassis is so slim it's hard to tell it's an e-bike at all.

Finally, its revolutionary drive system delivers power so naturally it feels less like a motor and more like, well, you. Tucked discretely inside every Endurace:ONfly is the all-new TQ HPR40 —the smallest, smoothest, and quietest motor on the market.

There's nothing else like the Endurace:ONfly.

More importantly, nothing else rides like it.

A BLANK SLATE

Let's be honest, many e-Road bikes are still in the awkward teenage phase of their evolution.

Riders today generally face a crop of innovative-but-heavy e-Road models designed around bulky e-MTB and e-Urban mid-drive motors. The result? Skinny-tyre machines that are over gunned with torque on asphalt climbs and overburdened by excess fat on the flats.

The other option open to prospective riders? e-Road bikes with hub-drive motors. While hub motors shave grams from the equation, ride quality suffers from uneven weight distribution and their less natural-feeling power boost.

Clearly, the sweet spot for e-Road has yet to be found.

So, we started from a blank slate.

We aimed to build something completely different.





ENDURANCE:ONfly AT A GLANCE

ULTRALIGHT
From 9.86 kg

SLEEK SILHOUETTE
Road bike identity

SILENT MOTOR ASSISTANCE
All-new TQ HPR40 System

NATURAL RIDE FEEL
40 Nm Torque, 200 W Peak power

BUILT-IN SAFETY FEATURES
SightStays & Headlight
180 mm Rotors

INTEGRATED ANTI-THEFT
Comodule Guardian Tracking

ALL-CONDITIONS CAPABLE
35 mm Clearance,
DEFEND Fast Fender-Ready

**The most advanced
e-Road bike in the world.**

MAKING THE IMPOSSIBLE POSSIBLE

At a mere 9.86 kg, the flagship Endurance:ONfly SUB-10 is lighter than some non-powered road bikes.

How did we achieve the seemingly impossible? By employing the kind of cutting-edge IsoGrid composite technology typically reserved for spare-no-expense aerospace products.

Endurance:ONfly represents the first time a bike brand has applied IsoGrid tech to a molded carbon frame. It's called NeoBeam and it's a revolution in carbon manufacturing.

NeoBeam reinforcement ribs allow us to achieve our uncompromising strength, weight, and stiffness targets—all while using less material.

That next level frame-layup efficiency resulted in the SUB-10's remarkable sub-1000g frame weight.



ENDURANCE:ONfly SUB-10
FRAME SIZE M
WEIGHT 9,86 KG
STACK 589,5 MM
REACH 388 MM
LIGHT BLACK

CONTROL. COMFORT. FUN.

The Endurace has long proven you don't have to choose between either speed or comfort —you can have both in one bike.

We preserved much of that classic handling with this electric version of the Endurace, but also fine tuned the geometry to perfectly balance stability and sporty handling.

We slackened the head angle (by 0.75°), added 23 mm to the wheelbase, and eliminated toe overlap on all frame sizes.

The result is a bike that feels dynamic and confident at all speeds. Put more simply, we made an e-Road bike that's truly a blast to hammer on. Hard. All day long.

**Want to have fun pushing your limits?
This is your ride.**







SUPER-NATURAL POWER

Are you the passenger or the pilot? When it comes to e-bikes, people tend to be either one or the other.

Some riders want max power to teleport them up climbs. Others crave a more natural experience that feels less like riding a motor and a lot more like riding a bike.

On the Endurance:ONfly, you're the pilot, not the passenger. This bike's power complements your own. And that's by design.

The Endurance:ONfly is not a crutch, it's a catalyst—a bike that's so fun to ride that it inspires you to push even harder, ride further, and redefine your limits.

SILENT. SMOOTH. SMART

Powering the Endurace:ONfly is the all-new TQ-HPR40—the first drive system specifically designed for high-performance road riding.

Compact yet capable, the motor pushes 40 newton metres of torque and 200 watts of peak power. That power is supplied by a 290-watt hour battery hidden inside the slender down tube.

But the Endurace:ONfly's motor isn't simply small, it's smart. This motor truly adapts to you.

Intelligent sensors understand your pedal stroke with adaptive software that then adjusts its power delivery to your pedalling style. Constantly. This is a major component of the Endurace:ONfly's next-level, natural ride responsiveness.

This is your effort and your ride, amplified.





NO SPEED PENALTIES

If you've ridden e-Road bikes in the past, you've probably noticed that there's a fairly awesome power boost—right until you hit 25 kph—and then all of that awesome dies a cruel death as the motor stops delivering power.

Suddenly you find yourself on a very heavy road bike—usually with serious momentum-killing drag.

There's no such penalty for going fast on the Endurance:ONfly because, well, fast is good.

The TQ system exhibits such little drag and the bike is so light that there's a good chance you won't even notice the support cut-off when you accelerate above 25 kilometres per hour. It's effortless. That means keeping pace with group rides on the flats is no problem before you glide up the next climb and tap back into the bike's three power-assist modes.

Thanks to the HPR40 system, you're connected to the road, fully in control, and free to go fast.

It's the age-old question: How far can I ride this thing before the battery runs out? The answer here is "surprisingly far".

The Endurace:ONfly features a fully-integrated 290-watt hour TQ battery. While that may sound a bit small, this battery also has the highest energy density in its class and the best ratio of weight to capacity.

Riders can also boost their range with TQ's water bottle-style, 160-watt hour range extender.

With TQ's range extender attached to the seat tube, most riders can easily knock out 100+ kilometre rides with more than 2.000 metres of climbing.





SEE AND BE SEEN

The Endurance:ONfly always has your back, whether that's giving you that extra bit of push over the last climb or helping you stay safe on the road.

Each Endurance:ONfly model is equipped with front and rear lights that ensure you can always see and are seen by others, no matter the conditions or time of day.

Up front, the tiny-yet-mighty LightSKIN U1 Ultra headlight takes the pucker factor out of flying through unlit tunnels or navigating your way home after dark.

Out back, the rear SightStays (co-developed with Lupine) are always illuminated, giving you total visibility from all angles when flowing through traffic.

Both lights are powered by the bike's internal battery, so you never need to hassle with keeping your lights charged.







DIFFERENCE IN THE DETAILS

All the control without the clutter. A minimalist bar-end remote displays power status and lets you change power modes. On Dura-Ace Ultegra-equipped models you can also control the motor directly from the brake hoods.



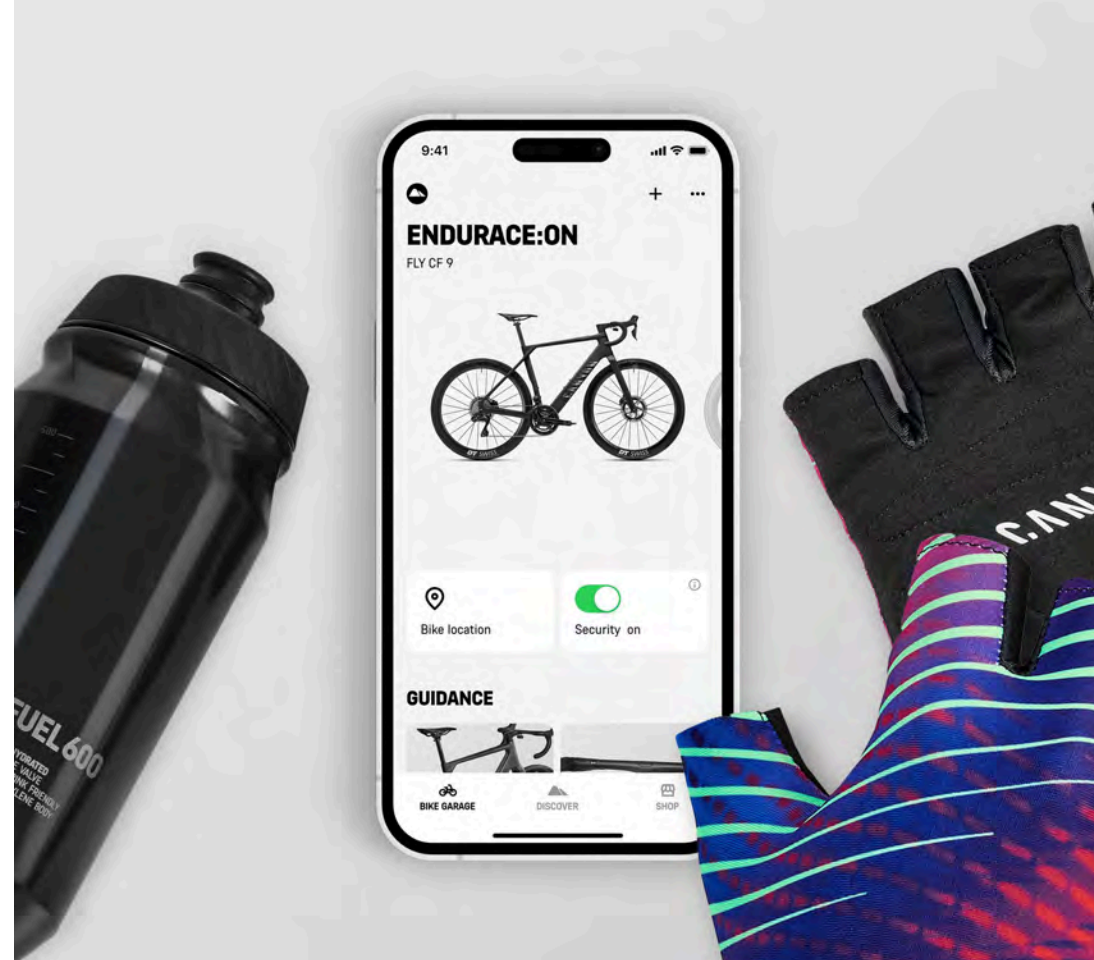
TOP TUBE MOUNTS

Bring your essentials, no hassle required. Each frame sports mounts for attaching Canyon's strapless top-tube bag.



EASY CHARGING

Everything is sleek on the Endurace:ONfly, even the flush-mounted charge port, that blends in with the rest of the frame when not in use.



COMODULE GUARDIAN

Every Endurace:ONfly contains a location tracker that can alert you if someone moves your bike and show you (via the Canyon App) the real-time location of your bike.

ENDURACE:ONfly LINE-UP

	Endurace:ONfly SUB-10	Endurace:ONfly CF 8	Endurace:ONfly CF 7	Endurace:ONfly CF 6
FRAME	R149 Endurace:ONfly SUB-10	R137 Endurace:ONfly	R137 Endurace:ONfly	R137 Endurace:ONfly
MOTOR	TQ HPR40 (200 W, 40 Nm)	TQ HPR40 (200 W, 40 Nm)	TQ HPR40 (200 W, 40 Nm)	TQ HPR40 (200 W, 40 Nm)
BATTERY	TQ HPR 290 Wh Battery	TQ HPR 290 Wh Battery	TQ HPR 290 Wh Battery	TQ HPR 290 Wh Battery
BRAKES	Shimano CL900 180/180 mm	Shimano CL800 180/180 mm	Shimano SM-RT70 180/180 mm	Shimano SM-RT64 180/180 mm
WHEELS	DT Swiss ERC1100	DT Swiss HEC1400	DT Swiss HE1800	DT Swiss Endurance LN
TYRES	Schwalbe Pro One Evo 28 mm	Schwalbe Pro One Evo 32 mm	Schwalbe One 32 mm	Schwalbe One 32 mm
CHAINSET	Praxis CF	Praxis CF	Praxis AL	Praxis AL
GEAR RATIO	50/34 – 11-34	50/34 – 11-34	50/34 – 11-36	50/34 – 11-36
COCKPIT	Canyon CP0048 PACE Bar	Canyon CP0048 PACE Bar	Canyon CP0048 PACE Bar	Canyon CP0048 PACE Bar
SADDLE	Fizik AnatreS 00	Fizik Alliante R5	Fizik Alliante R5	Selle Italia Model X
SEATPOST	Schmolke TLO	Canyon S15 VCLS 2.0	Canyon S15 VCLS 2.0	Canyon SP0057
FRONT LIGHT	LightSKIN U1 Ultra	LightSKIN U1 Ultra	LightSKIN U1 Ultra	LightSKIN U1 Ultra
REAR LIGHTS	Canyon x Lupine C14 SightStays	Canyon x Lupine C14 SightStays	Canyon x Lupine C14 SightStays	Canyon x Lupine C14 SightStays
COLOURS	Light Black	Stealth, Frosted White	Stealth, Frosted White	Stealth
SIZES	XS, S, M, L, XL,	2XS, XS, S, M, L, XL, 2XL	2XS, XS, S, M, L, XL, 2XL	2XS, XS, S, M, L, XL, 2XL
WEIGHT	9.86 kg	12.04 kg	11.76 kg	12.04 kg
PRICE	9.999 €	6.999 €	5.499 €	4.499 €

ENDURACE:ONfly LINE-UP

MODEL
**Endurace:ONfly
SUB-10**

COLOR
**P04
(Light Black)**



MODEL
**Endurace:ONfly
CF 8**

COLOR
**P1 (Stealth)
P2 (Frosted White)**



MODEL
**Endurace:ONfly
CF 7**

COLOR
**P1 (Stealth)
P2 (Frosted White)**



MODEL
**Endurace:ONfly
CF 6**

COLOR
P1 (Stealth)



GEOMETRY

	2X-SMALL	X-SMALL	SMALL	MEDIUM	LARGE	X-LARGE	2X-LARGE
BODY HEIGHT (CM)	159-165	165-171	171-178	178-185	185-192	192-198	198-204
SEAT TUBE LENGTH	432	462	492	522	552	582	612
TOP TUBE LENGTH	517	522	543	553	568	594	609
HEAD TUBE LENGTH	111	130	147	167	189	216	235
HEAD TUBE ANGLE (°)	70.1	70.3	71.5	72	72.25	72.25	72.5
EFFECTIVE SEAT TUBE ANGLE (°)	73.5	73.5	73.5	73.5	73.5	73.5	73.5
CHAINSTAY LENGTH	420	420	420	420	420	420	420
WHEELBASE	995	1000	1011	1016	1029	1055	1068
STACK	529	548	568	589.5	611	637	656
REACH	370	370	385	388	397	415	424.5
STR	1.43	1.48	1.48	1.52	1.54	1.53	1.55
SPACERS	20	20	20	20	20	20	20
STEM	70	80	80	80	100	100	100
HANDLEBAR WIDTH	370-420	370-420	370-420	370-420	370-420	370-420	370-420
CRANK ARM LENGTH	165	170	170	170	175	175	175
SEATPOST DIAMETER	27.2	27.2	27.2	27.2	27.2	27.2	27.2



FAQs

Q01 HOW MANY SIZES ARE ON OFFER?

We offer the Endurace:ONfly in seven sizes: 2XS, XS, S, M, L, XL, 2XL. The bikes fit an exceptionally wide range of riders, from 159 cm (5'2") all the way up to 204 cm (6'8").

Q02 DO ALL OF ENDURACE:ONFLY BIKES FIT 700C WHEELS?

Yes, 700c wheels come stock on all frame sizes for maximum speed. We've adjusted the classic Endurace geometry so that the bikes can accommodate 700c wheels without any toe overlap.

Q03 HOW IS THE ENDURACE:ONFLY GEOMETRY DIFFERENT THAN THAT OF THE ENDURACE?

The general philosophy is the same, achieve that perfect balance of comfort and dynamic handling. Accordingly, the Endurace:ONfly has the same kind of open, slightly upright rider positioning that helps reduce strain in your neck, shoulders, and back. We did alter the geometry slightly to ensure it also felt balanced and stable at speed thanks to improved toe clearance, +5 mm longer chainstays (420 mm), a -0.75° Slacker head tube (72°), which all results in a +23 mm longer wheelbase (1016 mm).

Q04 THE ENDURACE:ONFLY USES THE TQ-HPR40. WHY DID CANYON CHOOSE TO GO WITH THAT SYSTEM?

We already waxed poetic about this at length, so we'll just parse this down into a few bullet points here.

- Outstanding size and volume for a mid-motor system (it's tiny)
- Excellent system integration (no big BB area, no display necessary, no big down tube)
- Natural ride feeling (power comes on smooth and there's very little drag above 25km/h)
- It's exceptionally quiet—in many cases all you can hear is the sound of your tires on the road and your drivetrain
- Complete system weight is very low

Q05 HOW MUCH LIGHTER IS THE NEW TQ-HPR40 VERSUS THEIR EXISTING TQ-HPR50 AND 60 SYSTEMS?

HPR40 motor = 1170 g
290Wh BAT = 1430 g
Additional components: 100 g
Total HPR40 System Weight: 2.700 g

Q06 HPR50 motor = 1850 g
360Wh BAT = 1830 g
Additional components: 220 g
Total HPR50 System Weight: 3900 g

HPR60 motor = 1924 g
580WH BAT = 2695 g
Additional components: 146 g
Total HPR60 System Weight: 4765 g

Q07 HOW MUCH POWER DOES THE TQ-HPR40 SYSTEM GIVE YOU?

The HPR40 offers three different power-level or "assist" modes.

MODE	POWER	ASSIST
Green (Eco)	80 W	33 %
Blue (Mid)	120 W	66 %
Red (High)	200 W	99 %

Q08 THERE'S NO DISPLAY ON THE TOP TUBE, HOW DO YOU ACTUALLY TRANSITION FROM ONE POWER MODE TO THE NEXT AND HOW CAN YOU SEE YOUR BATTERY LEVELS, RANGE, AND OTHER VITAL INFORMATION?

That's correct. TQ's HPR40 drive system is exceptionally minimalistic yet still offers plenty of adjustability and all the information that's key to your ride. For starters, what initially appears to be a typical handlebar plug is actually TQ's new drop-bar remote.

Pushing the center of the remote turns it on and continued pressing lets you cycle through the various support modes. LED lights indicate battery status and which power mode you are currently in.

Additionally, our Dura-Ace and Ultegra equipped models (the SUB-10 and the CF 8) also feature complementary power mode switches, cleanly integrated at the top of each brake lever hood. Keeping track of all the information that matters most on your rides (your range, power output, etc.) is as simple as Bluetooth connecting to the TQ app.

Once you've done so, you can see all of the vital information displayed on any ANT+ enabled bike computer. Connecting your smartphone to the TQ app also lets you easily custom tune your power settings and monitor core information as you ride.

Q09 HOW MANY KILOMETERS OF RIDING CAN YOU GET FROM 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.

Disclaimers aside, you can wring quite a bit of mileage out of a single charge despite the TQ battery's rather diminutive (290Wh) size. Add the 160Wh range extender to the mix and most riders will be able to rack up in excess of 100 kilometers and 2.000 meters of climbing out of a fully charged system. TQ's 290Wh battery has the highest energy density in its class and the system is excellent at managing heat, which is one reason the Endurace:ONfly's range is greater than what you might imagine when simply looking at the battery's watt-hour rating on a spec sheet.

Q10 CAN YOU CHARGE THE BATTERY WITH IT EITHER ON OR OFF THE BIKE?

The Endurace:ONfly features a fully integrated battery, which stays inside the downtube as you charge it. The bike features a flush-mounted charging port on the downtube for easy charging.

Q11 HOW MUCH DOES THE TQ RANGE EXTENDER WEIGH?

TQ's 160Wh range extender battery weighs 960g and is the size of a typical 500ml water bottle.

Q12 WHAT'S THE STORY BEHIND THE LIGHTS ON THE ENDURACE:ONFLY?

Every Endurace:ONfly model features front and rear lights. Up front, the LightSKIN U1 Ultra headlight weighs just 25 g yet provides you with 150 lumens of light. Out back, the Canyon X Lupine SightStays provide a constant (StVZO compliant) 70 lumens of illumination that increase your visibility to motorists.

Q13 ONE OF THE DESIGN GOALS LISTED FOR THE ENDURACE:ONFLY WAS THAT IT WOULD ALSO PROVIDE SOME KIND OF INTEGRATED ANTI-THEFT FEATURES. HOW DOES THAT WORK?

We equip every Endurace:ONfly with a built-in GPS tracker. The Comodule Guardian is housed above the motor and is powered by the e-bike battery. Once you engage your Endurace:ONfly's digital "lock" (via the Canyon app on your smartphone), the Guardian's intelligent motion detection system will alert you if it senses someone moving the bike.

FAQ • ENDURACE:ONfly

If a thief successfully snatches your bike, the Guardian lets you track your bike's location, so that you can enlist law enforcement's aid in recovering it. The Comodule Guardian also features its own back-up battery, which can continue tracking your bike's whereabouts for up to four weeks.

Q14 THE ROTORS LOOK PRETTY BIG ON THIS BIKE...

Indeed, the Endurace:ONfly doesn't skimp on stopping power. We equip each model with 180mm rotors, front and rear, for maximum stopping power. It's a definite benefit on a bike that sees higher-than-average riding speeds.

Q15 CAN I PUT FENDERS ON THIS THING?

Absolutely. You might not immediately notice the fender mounts on the Endurace:ONfly's very sleek silhouette, but we tucked them in there. Our own DEFEND fast fenders provide full coverage, all-weather protection, are incredibly simple to install and uninstall, and are compatible with 700x35 tires.

ENDURACE:ONfly • PRESS KIT
JUNE 2025

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