



exxite



The First of a New Generation

The X One is the first of a new generation of modern electric bikes being developed under the **Rayvolt** brand that bring experienced bicycle designer Mat Rauzier's vision to reality in a completely new way. The X One sets the bar for the electric bike of the 21st century with multiple patented technologies that take its performance to the next level.





Sin servicio

10:15

Advanced Settings

Acceleration Rate

72

Maximum Speed (km/h)

13

Current BUS (A)

20

RBS Rate

27

RBS

PAS

THROTTLE

SAVE

SEND

From the integrated Android-powered touchscreen computer to its nearly invisible slipstreamed battery, the X One means business. Upon mounting the X One, its powerful facial recognition software looks for the owner and automatically unlocks the bike when the owner is identified. Powered by **Rayvolt's EIVA** control technology, the owner has all the settings for the bike available at the touch of a finger.

All of its intelligence is built around an all new aluminum composite frame paired with a carbon fiber fork, allowing it to pack full e-bike functionality at only 22 kilograms | 48 pounds. Its 42 volt, 16Ah battery is fully integrated into the frame, adding structural rigidity without adding unnecessary bulk to the overall flow of the frame.



50-75 km



250W-750W



Smart: 25 km/h

Power: 45 km/h





The X One brings a powerful new suite of patented regeneration technologies to bear with the first back pedal proportional regeneration system that lets riders simply roll the pedals backwards to slow the bike. When heading downhill, the bike taps into its integrated gyro sensor to intuitively engage regen for a seamless riding experience.

The X One comes with a full complement of integrated lights to make riding at all hours of the day safer and easier. Turn signals have been integrated into the ends of the handlebars to let everyone know when you're ready to go.



75 km

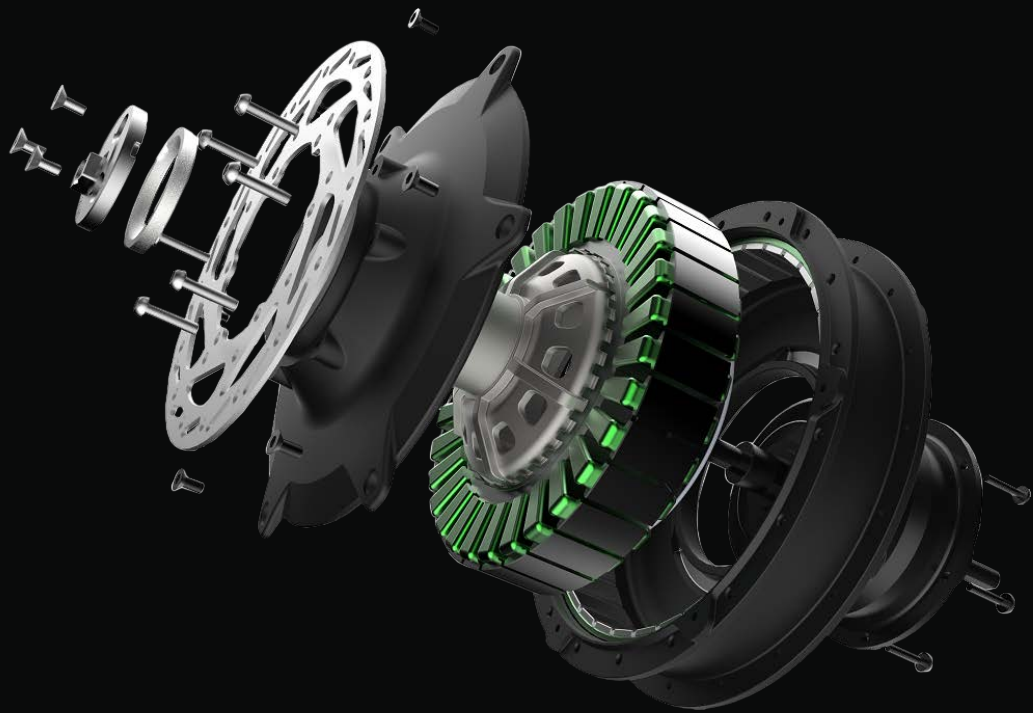


4 hours



42V





The engine that control the X One is the intelligent TDCM Motor with Integrated 5-speed Gear Hub. This will give the bike a boost up to 750W. It is controlled with the EIVA software to be adjustable to all the preferences of each user and improve their very own experience.

A frame-integrated headlight and tail lights automatically tap into an ambient light sensor to engage when the time is right so you don't have to think about it. In short, we built the X One to do the thinking for you so you can simply enjoy the ride.



Integrated back LED light



Photosensor for automatic lightning



Directional head light







Original Copper



Neon Graphene



Devil Black



Urban Grey



App Based Intelligence

Facial Recognition and features to improve the ride experience.





100 % Flush Handlebar

Handlebar, brake levels grips, signals, all integrated in a minimalist style handlebar hiding all the cables.

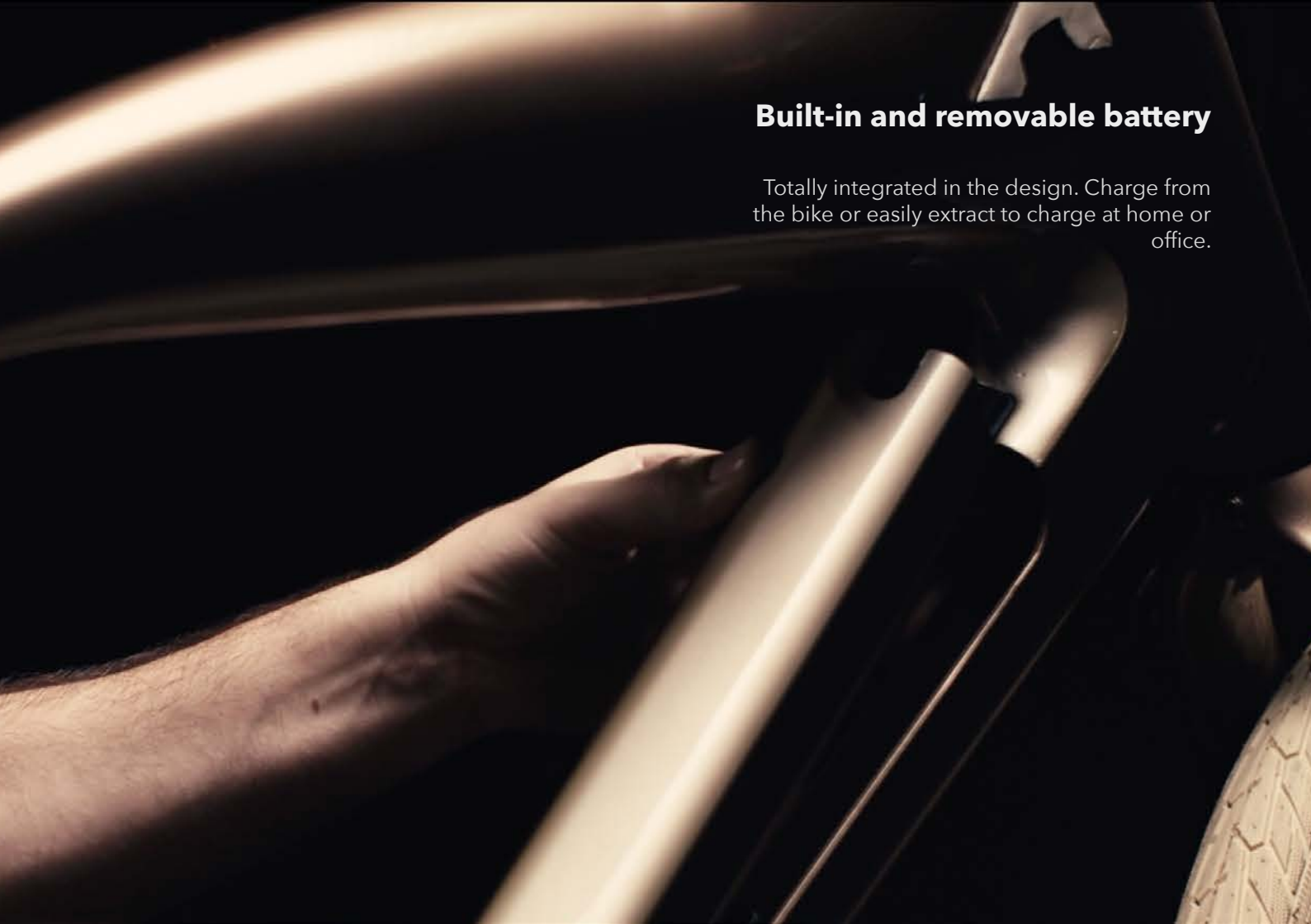


"Turbo charged work of art on wheels"

Clean Technica

"This company impresses me"

Forbes

A close-up photograph showing a person's hand pulling a long, cylindrical battery out of a bicycle frame. The battery is white and has a black handle on top. The frame is dark, and the background is black. The lighting is dramatic, highlighting the hand and the battery.

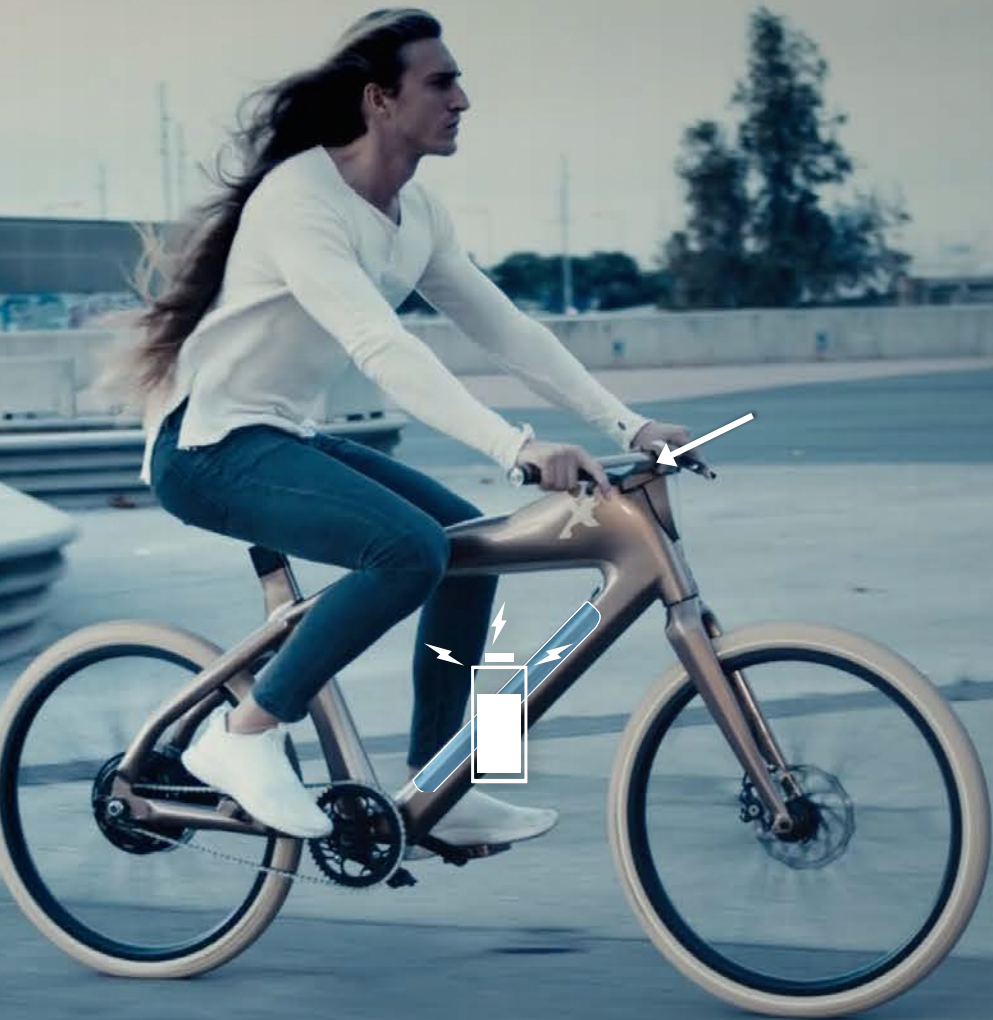
Built-in and removable battery

Totally integrated in the design. Charge from the bike or easily extract to charge at home or office.

A close-up photograph of a brown leather bicycle saddle mounted on a gold-colored frame. The saddle is the central focus, showing its ergonomic shape with a central cutout and two side rails. The leather has a smooth, slightly glossy texture. The background is dark, making the saddle and frame stand out. The lighting highlights the contours of the saddle and the metallic sheen of the frame.

Ergonomical saddle

The shape and geometry of the saddle is comfortable for long riding.

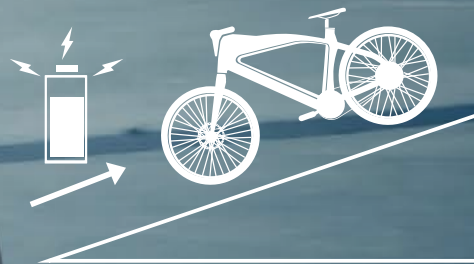


Lever Regenerative Brake

The battery charges when hand brakes are used. The charge is proportional to the force applied to the brake.

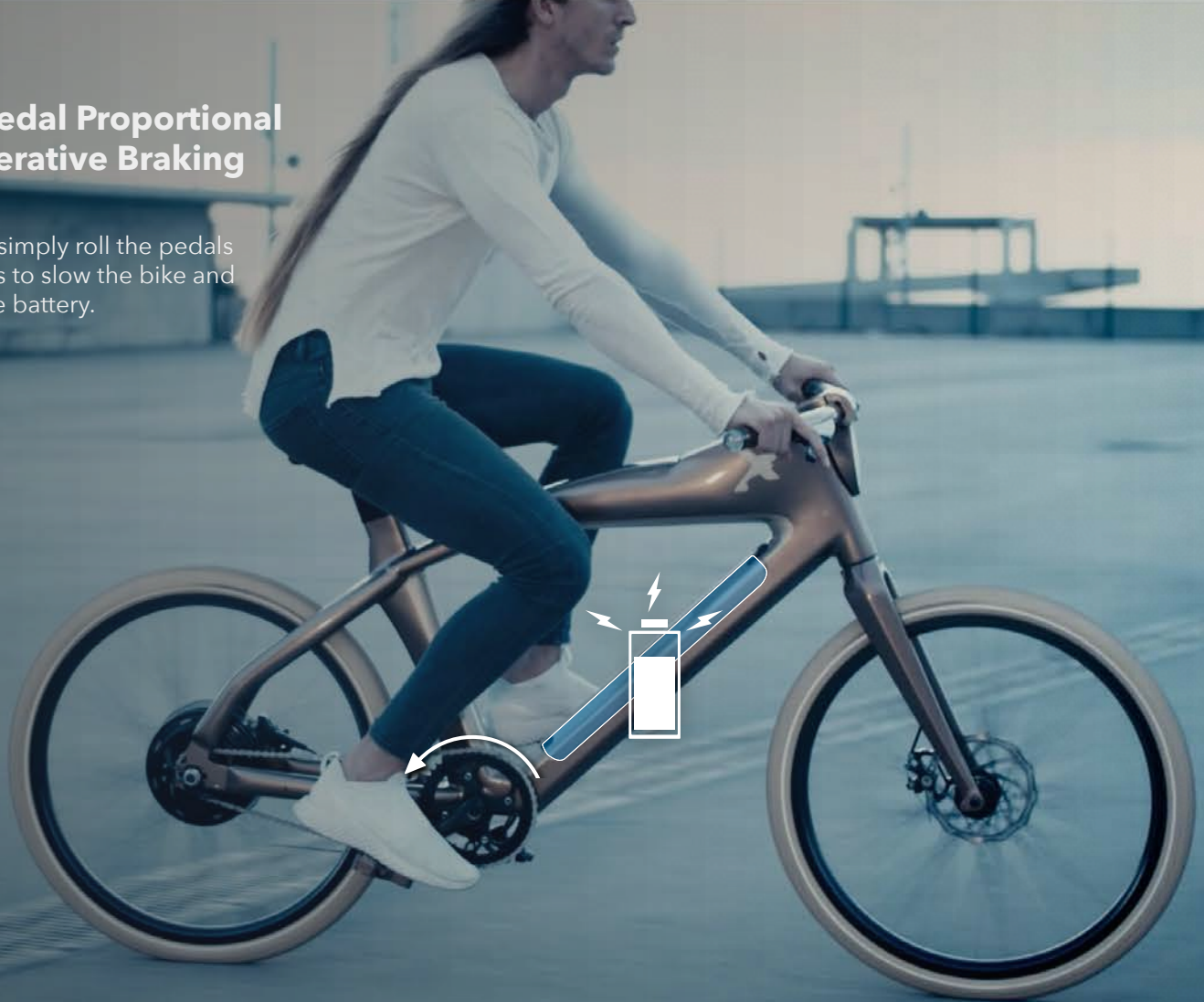
Regenerative Brakes automated by girosensor

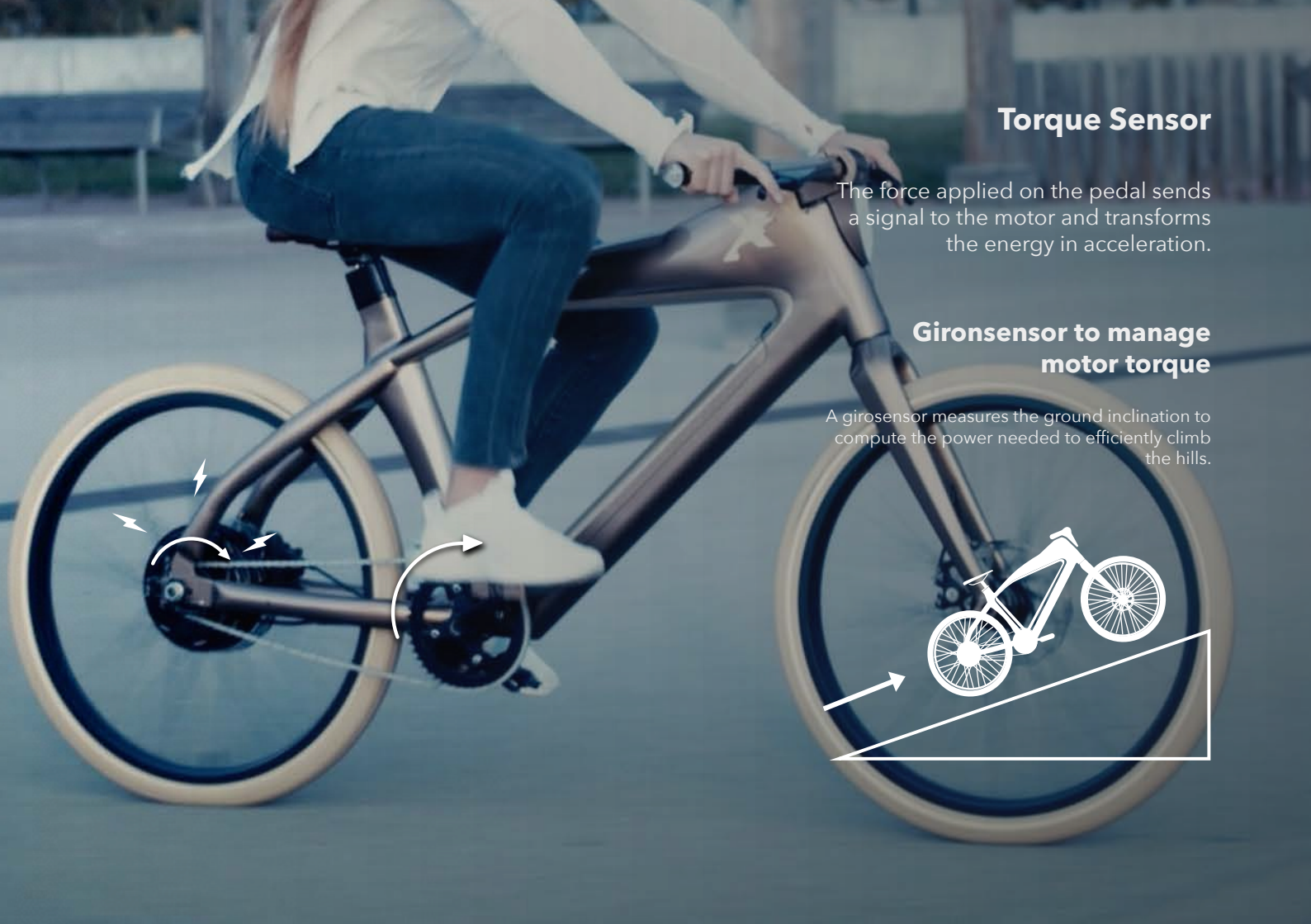
The battery charges when hand brakes are used. The charge is proportional to the force applied to the brake.



Back Pedal Proportional Regenerative Braking

Lets rider simply roll the pedals backwards to slow the bike and charge the battery.





Torque Sensor

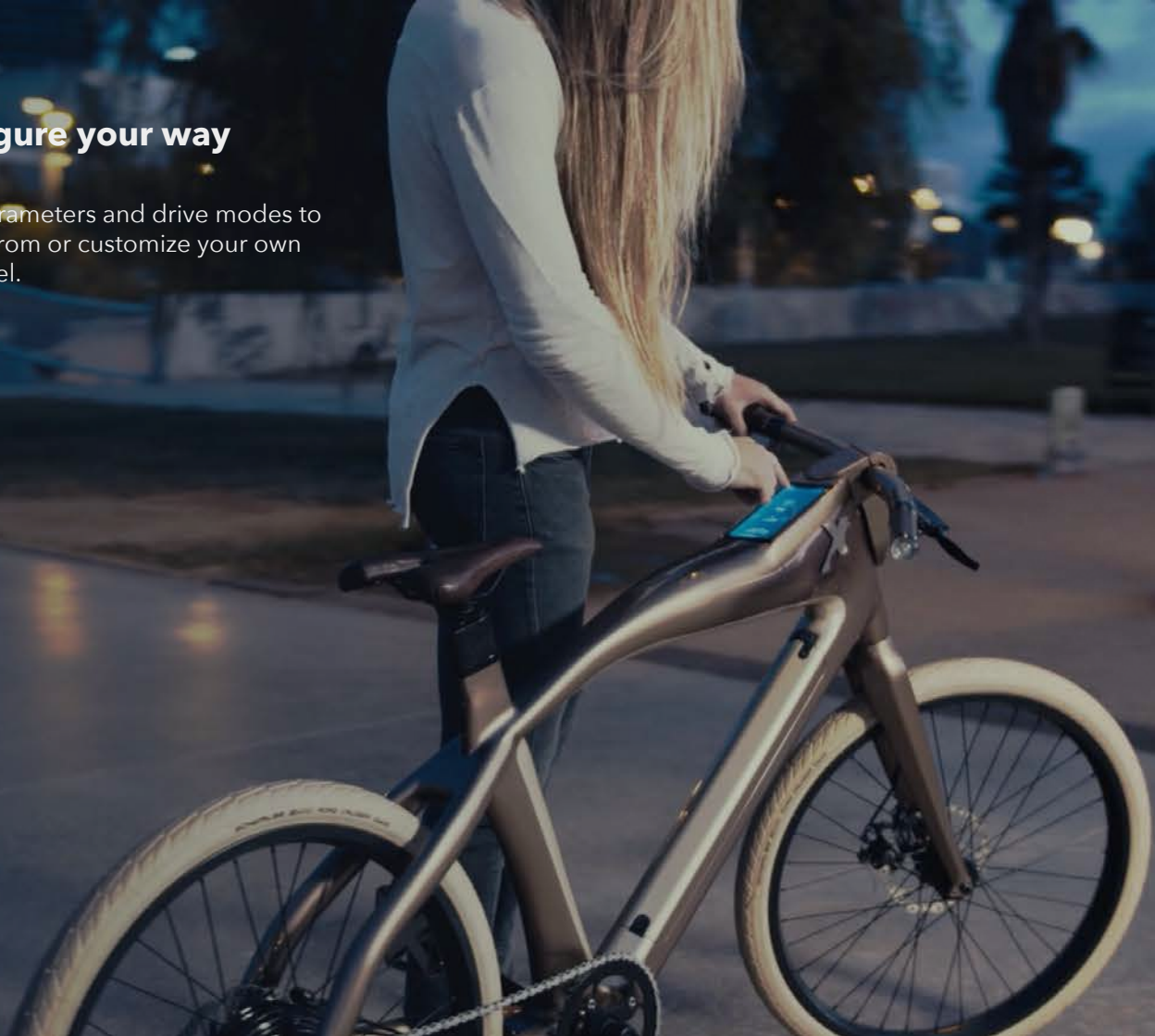
The force applied on the pedal sends a signal to the motor and transforms the energy in acceleration.

Girosensor to manage motor torque

A girosensor measures the ground inclination to compute the power needed to efficiently climb the hills.

Configure your way

Many parameters and drive modes to choose from or customize your own riding feel.



Standard Fork



Suspension Fork
Suntour XCR



Suspension Fork
Rockshox RS1



Personalization to bring each user an unique experience. The X One allows the people to choose between three types of fork, based on which will be the use they will make of it. A standar option without suspension. A Suntour XCR fork with suspension. Or the premium suspension fork Rockshox RS1.

The **commuter kit** offer the users the possibility to acquire a rear carrier + mudguards on the X One, in order to be more adaptative to the everyday's life of the people but maintaining the all the appeal of the ebike.






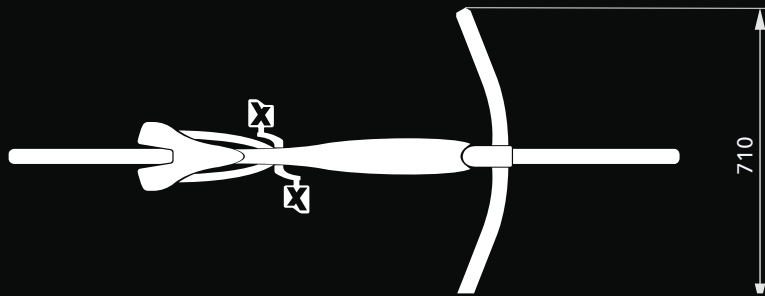
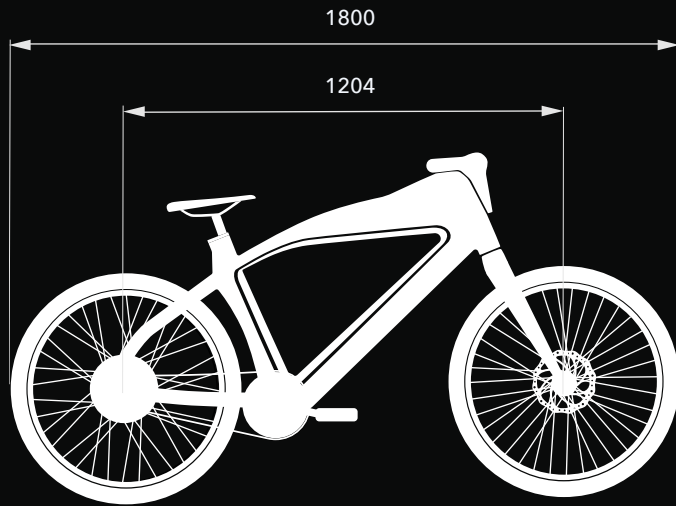
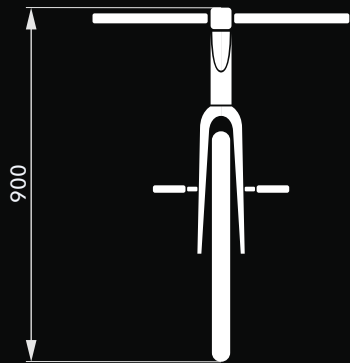
The X One gives the users the choice of use their own devices to control the bike, as well as the option of acquire the **EIVA device**, an Android based tablet built-in the frame that supports all the technological features that make the bike unique.





	X One Smart	X One Smart +	X One Power
Frame	Aluminium Composite	Aluminium Composite	Aluminium Composite
Motor	EIVA Drive 250W High Torque	EIVA Drive 250W High Torque	EIVA Drive 750W Power Hub
Battery	42V - 10.5Ah	42V - 16Ah	42V - 16Ah
Battery Cells	Samsung	Samsung	Panasonic GA Cell (best in the market)
Pedal Assit	Yes	Yes	Yes
Torque Sensor	No	Yes	Yes
Throttle	No	No	Yes
Brakes	Hydrolique + Regenerative	Hydrolique + Regenerative	Hydrolique + Regenerative
Regen Brake	Yes	Yes	Yes
A.I Features	Yes	Yes	Yes
7 Speed Gear Hub	Optional	Optional	Optional
Weight	20 kg	20 kg	24 kg
Range	50 km	75 km	75 km
Charge Time	2.5 hours	4 hours	4 hours

Original Price	3999\$	4199\$	4399\$
	1999\$	2099\$	2199\$



electrek

Forbes

Le Parisien

NEWS
METRO

Clean
Technica

Computer
Bild

GQ

JAGUAR

ouest
france

Le Journal
du Dimanche

expertreviews

"Rayvolt's X One Redefines The E-Bike Category With 21st Century Technologies"

Forbes

"The X One feels like a better bet than many Indiegogo campaigns"

Clean
Technica

"The futuristic X One electric bicycle is ahead of its time (yet available now)"

electrek

"Rayvolt's X One e-bike is a rolling work of tech mobility art"

 **DIGITAL TRENDS**

"To call the X One just an e-bike would be doing it a disservice, and to call it futuristic wouldn't do it enough justice."

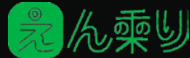
YD
YANKO DESIGN

"Owners of the X One, a sleek e-bike that can reach speeds of up to 28 mph, won't have to worry about bike thieves."

QUARTZ

"X one は最新技術と未来的なデザインをあわせ持つE-Bike。"

"The X one is an E-Bike that combines the latest technology with a futuristic design."



"La bicicleta con reconocimiento facial y ordenador que revolucionará el mercado"

"The bike with facial recognition and computer that will revolutionize the market."

ABC

"Nous sommes bien ici en présence d'un vélo électrique. Peut-être celui de demain."

"Here we are in the presence of an electric bike. Maybe tomorrow's one."



"Una e-bike urbana capaz de todo, gracias a la implementación de distintas tecnologías."

"An e-bike capable of everything, thanks to the implementation of different technologies."



"De X One van Rayvolt verovert de wereld"

"The X One from Rayvolt is conquering the world"



"La X One pone le basi per la bici elettrica del 21 ° secolo."

"The X One lays the foundations for the 21st century electric bike."





An Experienced Team

The eXXite X One was born out of designer Mat Rauzier's passion to take the retro e-bikes he spent years designing at Rayvolt and inject them with the full potential of modern technology. Mat cut his teeth in the world of electric bikes with his team at Rayvolt and is launching an entirely new family of electric bikes that bring the full power of modern technology to bear under the eXXite brand.

The X One is the first of that entirely new family of bikes that pairs classic lines with the luxury of electrified powertrains for an unparalleled riding experience. His success at Rayvolt led him to a desire to integrate even more technology into his creations which after years of development, have evolved into the ultimate 21st century electric bike.

Mat Rauzier: CEO & Founder
Jaime Pla: Chief Technical Officer
Ying Zhang: Director of Operations
Marco Esmoritz: IT Engineer
Carlos Portillo: Chief of Engineering
Marcos Caviglia: Mechanic
Laure Ritter: Customer Support Manager
Salvador Rus: Transport Designer
Laura Alonso: Digital Product Designer
Carlos Nogueira: Graphic Designer
Thomas Benadjaud: Engineering Team
Valentin Dubuc: Engineering Team
Louis Delafontaine: Engineering Team
Braham Hedak: Engineering Team
Victor Pasquier: Engineering Team

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