



Switch on to Yamaha

You may be surprised to discover that Yamaha developed the world's first production eBike 30 years ago. In fact, Yamaha has been building eBikes for the Japanese market for the last three decades – as well as supplying the eKits that drive many of the eBikes sold in Europe. And the new MORO 07 is the start of an exciting new electric future for the company.

Yamaha is one of the world's most successful motorcycle and scooter manufacturers. Since 1955 the brand has been responsible for introducing innovative new technology and game-changing concepts to the powered two-wheel world. And MORO 07 is a key model in Yamaha's 'Switch ON' strategy which spearheads the company's move into the world of electric personal mobility.



- Dual Twin frame
- Best-in-class PW-X3 drive unit
- Holistic design
- RockShox Lyrik Select
- RockShox Super Deluxe Select+ rear shock
- Magura MT5 brakes
- 500Wh compact integrated battery
- Shimano XT 1x12 drivetrain
- Interface X display
- Three sizes, two colours

With nearly 70 years' experience in the production of class-leading motorcycles and scooters – as well as vast knowledge in eBike and drive unit design, you can be sure that the MORO 07 eMTB will deliver the same high levels of technology, performance and reliability associated with every other Yamaha product.

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The new MORO 07 is a different kind of eMTB that's ready to give you a very special ride whenever you go. And what makes it stand out is the way the chassis and drive unit have been developed as one to create a machine where every component works in harmony to provide you with the ultimate pure ride experience.

Developed using Yamaha's class-leading racing technology, the unique Dual Twin frame features twin top and down tubes for finely balanced rigidity that gives confident handling with plenty of surface feedback. And with premium components including full RockShox suspension, Magura MT5 brakes and Maxxis tyres, MORO 07 is built for fun without limits.

Featuring a best-in-class torque-to-weight ratio, Yamaha's latest PW-X3 drive unit delivers instant assistance as soon as you start to ride thanks to Zero Cadence technology – while pedalling over 25km/h is made easier with the special freewheel system. And the stem mounted Interface X enables smartphone connectivity for communications, navigation and more.



Dual Twin frame

MORO 07 has been developed using advanced chassis technology inspired by Yamaha's race-winning motorcycles. Featuring twin top tubes and twin down tubes, the unique Dual Twin frame gives an idealised balance of flex and rigidity for confident handling together with accurate surface feedback.



Best-in-class PW-X3 drive unit

Producing 85Nm of torque, Yamaha's latest PW-X3 is the company's lightest, smallest and most powerful drive unit. Its compact dimensions give a narrow Q factor together with excellent ground clearance for superior off-road performance. Zero Cadence technology provides instant assistance – and its Automatic Support Mode provides extra power on hills and into headwinds.



RockShox Lyrik Select Charger fork

MORO 07's premium specification features RockShox Lyrik Select Charger fork giving 160 mm of front wheel travel. Developed to handle everything from challenging single track through to fast downhill, this front end gives this new Yamaha eMTB serious off road capability for fun without limits.



RockShox Super Deluxe Select+ rear shock

The RockShox Super Deluxe Select+ rear shock provides 150mm of plush rear wheel movement for a smooth ride with excellent rear wheel traction. Mounted between the twin top tube, this premium shock contributes towards the MORO 07's fun character and all terrain ability.



Magura MT5 brakes

Equipped with a radially mounted master cylinder that provides accurate feel, the Magura MT5 brake features a powerful one-piece four-piston caliper that gives strong braking performance.



500Wh compact integrated battery

The 500Wh compact integrated battery is fully integrated into the Dual Twin chassis to achieve optimum mass centralisation for agile handling. Developed with 30 years of experience, the Yamaha battery is built to provide hours of consistent rides and a reliable life cycle.

General

Total Weight	24.3 kg
Wheel Size	27,5
E-Bike Class	Pedal Assist

eBike systems

Max Speed with Assist	25km/h
Display/Remote	Interface X
Battery	Yamaha Lithium Ion 500Wh, 36V, 13.4Ah
Drive Unit	Yamaha PWSeries X3, 85Nm

Frame

Technology	Patented twintube design
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Suspensions

Rear Shock	RockShox Super Deluxe Select+ RT 210x55 Debonair Yamaha tuning
Fork	RockShox LYRIK SELECT RC 160mm stroke 37mm offset

Components

Brakes	Magura MT5 with 203mm Storm CL rotors. 4-Piston
Saddle	Yamaha Off-Road Cro-Mo Rail
Headset	Integrated tapered with 30 mm steerer spacers
Handlebar	Alloy 30mm rise, 35.0 dia., 780mm wide
Grips	Locking Dual Core
Seatpost	Alloy 30.9 dia. dropper post. (S/M) 125mm travel, (L) 150mm travel
Stem	Alloy 4-bolt faceplate, 35.0 dia., 40mm length.

Drivetrain

Crankarm	Praxis AL6000 w/bolts 165mm
Chain	KMC e12 TURBO EPT 12speed
Shifters	Shimano SL-M8100-R, XT, 12-SPEED
Rear Derailleur	Shimano RD-M8100, XT, SGS 12-SPEED
Cassette	Shimano CS-M8100-12, DEORE XT, 12- SPEED(HYPERGLIDE+), 10-12-14-16-18-21-24-28-33- 39-45-51T
Chainrings	Praxis 36T

Wheelset

Wheels	27.5+ Alloy. Tubeless tape installed. 40mm inner rim width
Tires	Front: Minion DHF New EXO+ /3C MaxxTerra 27.5x2.6, Rear: Rekon New EXO+ /3C MaxxTerra 27.5x2.6