



BOOSTER

BOOSTER is the new AM license electric moped from Yamaha that's got the contemporary style, strong performance and leading technology that you need to stay ahead in the city. Featuring a minimalist aluminium chassis and equipped with a lightweight high-torque drive unit, this zero emission fat tyre machine gives you the power and range you need to get there fast!

Future-proof urban mobility

The quiet running motor gives immediate assistance the second you start to pedal – and you can choose from five different running modes depending on whether you're looking for maximum power or optimum range. And with its full color TFT display you can keep an eye on speed, range and battery capacity – and view navigation and fitness apps once you connect your smartphone.

Equipped with LED lighting, 80mm travel front forks and high traction 20 inch x 4 inch tyres, BOOSTER is ready to get you there – anytime of the day or night. Yamaha exclusive features include stylish fork covers, hidden control cables and a rear rack – and with a wide range of Genuine Accessories including stylish luggage and different coloured panels that attach to the aluminium frame, it's simple to make your very own BOOSTER!

BOOSTER - BITNE KARAKTERISTIKE



S-pedelec electric moped, AM license category

The new Yamaha BOOSTER is an AM license S-pedelec or electric moped that takes the much loved fat tyre concept to the next level. Choose from five different running modes with a range of torque ratios from 60% (+ECO) giving optimum range right up to 400% (HIGH) for maximum performance.



Contemporary and minimalist design

BOOSTER features a contemporary design that incorporates a strong and lightweight aluminium front frame together with minimalist bodywork that gives this next generation eBike a very special look.



Comfortable, agile and lightweight

With its aluminium 'U' frame and compact Yamaha drive unit, BOOSTER has a low centre of gravity that gives lightweight handling and easy agility – ideal characteristics when riding along busy city streets.



Fat 20 inch x 4 inch tyres

The fat 20-inch x 4-inch tyres don't just look good – together with the 80mm travel front forks they also help to absorb uneven surfaces such as cobblestones for a smooth and comfortable commute. And their special tread pattern ensures plenty of grip on different road surfaces for a confident ride.



Large diameter disc brakes

For smooth and effective braking performance the BOOSTER is equipped with 180mm diameter disc brakes at the front and rear, giving you confident control in city traffic.



Mirror, horn and handlebar controls

BOOSTER is an AM license S-pedelec or electric moped, and is equipped with a mirror, horn and handlebar controls as well as a license plate holder.



Premium Yamaha PW-S2 45 drive unit

Weighing just 2.85kg, Yamaha's ultra-compact PW-S2 is one of the lightest and smallest drive units – and with a 75Nm output it achieves a class leading torque to weight ratio. Powered by a quickly detachable 630Wh 36V battery, the BOOSTER delivers smooth and natural acceleration and has an assisted top speed of 45 km/h with a potential range of up to 110km in +ECO mode with a 75kg rider.



Display C multi-function full colour TFT interface

Yamaha Display C 2.8 inch multi-function full colour TFT screen features selectable background colours – and the clear display provides easy to see data. Functionality can be enhanced with ride management, fitness tracking and map based navigation by downloading apps to your smartphone and connecting to the display.



Yamaha exclusive bodywork

BOOSTER features a high standard specification that includes colour coordinated fork covers, a Roxim LED headlight and Koso LED taillight, as well as hidden control cables, rear carrier and adjustable Royal Orbis seat.



Automatic Support mode

BOOSTER benefits from a range of sophisticated electronic technology that enhances the riding experience. By monitoring your pedaling torque, ride speed, crank rotation and angle of inclination, the Automatic Support mode selects the appropriate level of assistance for a smooth and natural ride.



Zero Cadence technology

The PW-S2 drive unit provides immediate assistance as soon as any pedal input is detected. This Zero Cadence technology gives a confident and enjoyable ride every time – and is particularly useful when you’re starting on an uphill gradient.



Wide range of Genuine Accessories

Yamaha’s range of Genuine Accessories includes front and rear baskets, basket inner bags and side bags, as well as premium pedals and a smartphone bar mount system. And there’s also a range of different coloured side covers that can be easily attached to the sides of the aluminium front frame for a whole new look.

BOOSTER - TEHNIČKA SPECIFIKACIJA

General

Total Weight	36kg
Wheel Size	20"
E-Bike Class	S-Pedelec (L1e-B)

eBike systems

Drive Unit	Yamaha PWSeries S2, S-Pedelec, 75Nm
Battery	Yamaha 630 WH-Batterie, 36V, 17.5 Ah
Display/Remote	Yamaha Display C TFT
Max Speed with Assist	45km/h limited – 42km/h usage

Frame

Technology	Honeycomb Aluminium
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Suspensions

Fork	ZOOM CH-879 AMS 20" – 80mm travel
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Components

Headset	FSA semi integrated
Handlebar	PROMAX 750mm
Stem	PROMAX 40mm
Grips	SWITCH 92-130mm
Saddle	SELLE ROYAL Orbis Unitech
Seatpost	PROMAX 350mm
Brakes	PROMAX DSK 930B – 180mm F&R Disc

Drivetrain

Shifters	ENVILO Twist Pure
Rear Derailleur	ENVILO Heavy Duty
Crankarm	FSA ISIS 150mm Custom
Chainrings	FSA 44D
Chain	KMC 1v Z1eHX Narrow (1/2" X 3/32")
Cassette	KMC Enviolo Narrow 16T (1/2" X 3/32")

Wheelset

Wheels	GIPIEMME 20"
Tires	VEE TIRE eSpeedster 20*4.00