


WHYTE
PERFORMANCE BY DESIGN

E-506
E-HARDTAIL MTB



E-506

E-HARDTAIL MTB



Model	E-506
Model Group	e-Hardtail MTB
UK SRP	£3,999.00
Whyte Part Code	WE506(size)V2-1
Colour	Matt Black with Ocean & Burnt Orange
Sizes Available	S,M,L,XL
Frame	6061 Alloy, Hydro Formed T6 Aluminium, Multi Butted, Custom Drawn, Tapered Headtube, Internal Cable Routing for Dropper Post and 12mm X 148mm Boost Dropouts
Fork	RockShox 35 Silver R 27.5", 120mm Travel, 37mm Offset, Coil, Fast Black Coating, Adjustable Rebound, Tapered Steerer, 110mm x 15mm Boost, Maxle Lite
Rear Shock	N/A
Headset	FSA No. 57B Orbit ZS, 1 1/2" Lower and 1 1/8" Upper Caged Bearings
Rear Hub	Alloy, e-bike specific, Double Sealed Cartridge Bearings, 12mm x 148mm Boost Thru Axle, 32 Hole
Front Hub	Alloy, Double Sealed Cartridge Bearings, 15mm x 110mm Boost Thru Axle, 31mm Torque Caps, 32 Hole
Spokes	DT Swiss New Champion 2.0mm, Black Stainless, Brass Nipples
Rims	WTB ST i30 TCS 2.0 System, Pinned Joint, Tubeless Ready, 32 Hole
Tyres	Schwalbe, Super Moto-X, 27.5" x 2.4, Greenguard Puncture Protection
Shift Levers	Shimano M5130 Deore 10 Speed
Front Derailleur	N/A
Rear Derailleur	Shimano M5130 Deore, GS, 10 Speed
Cassette	Shimano CS-LG600, 10 Speed, 11-43
Chain	Shimano CN-LG500, 10 Speed
Crankset	Whyte, Steel narrow/wide, 160mm, Direct Mount 3BT for Bosch Performance Line CX, Black
Bottom Bracket	N/A
Seatpost	Whyte drop.it, 30.9, S 125mm, M/L/XL 150mm Travel, Paddle Remote Lever
Seat	Whyte Custom, SUV Comfort sport, Single panel, with moulded rear handle
Bar	Whyte 6061 Alloy, 25mm Rise, 31.8mm, 720mm Wide
Stem	Whyte Alloy 6061, 60mm Extension
Grips	Whyte Custom Dual Density Lock-on
Front Brakes	Tektro Orion, 4-Piston with Sintered Metal Pads, 203mm Disc, Post Mount
Rear Brakes	Tektro Orion, 4-Piston with Sintered Metal Pads, 203mm Disc, Post Mount, Internal Routing
Brake Levers	Tektro Orion
Pedals	None

Drive Unit	Bosch Performance Line CX Drive Unit with 85Nm maximum torque, 250 w nominal power. Features 4 power settings including Tour+ that allows riders to focus on riding whilst being economic on power usage and eMTB mode which automatically adjusts the support to the rider.
Battery	Bosch PowerTube 500Wh internal, compact, and easy to remove. Reaches full charge in less than 7.5 hours, and just over 3 hours for half charge. Supplied with Bosch's 2Amp Compact Charger which is small and lightweight.
Battery Charger	2A (100-240V)
Display	Bosch Purion Remote is small and gives the rider a clear and easy to read display allowing for easy use and control. Features battery level, assistance mode, Speed and a host of other info.
Dropout Code	DROPWH17-2
Shock Stroke and Sag Setting	N/A
Reducer Bush Widths	N/A
Eye to Eye Length	N/A

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Top Tube	6061 Double Butted Hydro Edge
Down Tube	6061 Double Butted Hydro Edge
Rear Stays	6061 Double Butted Hydro Edge
Paint Code	WAMTU021
Freehub Part Code	WHYFHUB01
Rear Hub Bearings	6903x2, 6902x2
Front Hub Bearings	6902x2
Suspension Bearings	N/A
Headset Part Code	HS002 (FSA No57)
Bottom Bracket	BOSCH BES Motor ISIS Spline
ISG Chainguide Compatibility	
ICR Grommets	1 x WHYICR02, 1 x WHYICR07
Brake Mount Adaptor	N/A
Spoke Lengths	276/274mm (front) 276/274mm (rear)
Max Chain Ring Size	38T
Chain Length for the stock chainring	116
Tubeless Status	Tubeless Ready Rims
Max Tyre Size	Front 2.8, Rear 2.6
Max Tyre Size with Mudguards	N/A
Mudguard Part Code	N/A
Rack Compatible	N/A
Kickstand Compatible	N/A
Chain Guide Part Code	N/A
Rear Thru-Axle Length	M12 X 1.5, 172mm Long
Downtube Protector Part Code	N/A
Chainstay Protector Part Code	N/A
Seat Post Seal Part Code	N/A
Kitbox Contents	Owners Manual, EPAC Manual, Quick Start Manual

Size	Head Angle	Seat Angle	Top Tube	BB Height	Stand Over
S	64.5	74.5	601	303	788
M	64.5	74.5	629	303	795
L	64.5	74.5	653	303	801
XL	64.5	74.5	681	303	808
Size	Wheelbase	Chain Stay	Seat Post	Head Tube	Seat Tube
S	64.5	74.5	601	303	788
M	64.5	74.5	629	303	795
L	64.5	74.5	653	303	801
XL	64.5	74.5	681	303	808