



MSRP: \$6,499 **Color:** Polished Aluminum Finish

SPECIFICATIONS

SUGGESTED USE	All Mountain Class-1 Ebike Off-Road Trail Use
SIZE	Small, Medium, Large
TOTAL WEIGHT	51.3 lb (Medium)
MOTOR	Yamaha PW-X3™ Class 1-labeled Center Mount ISIS Splined Crankarm Spindle. Yamaha Quad Sensor with Automatic Support and Walk Assist Modes. Rate power: 250 W (nominal), 500 W (maximum). Max torque: 85Nm. Max speed support: 20 mph. Support Modes: ECO, Standard, High, MTB, Extra-Power, Automatic, Walk Assist
CONTROL SWITCH AND MULTI-FUNCTION COMPUTER	Yamaha Interface X Control functions include: 3-color LED Support Mode level light indicator, (5) Support Mode control switch, plus Automatic Support Mode (aqua LED) and Walk Assist Mode (purple LED), Bluetooth® connectivity, LED brightness adjustability, battery capacity (4-LED capacity indicators).
BATTERY	Yamaha 500 Wh with charge-life indicator and self-diagnosis display. Anti-vibration mounting plate weight: 6.61 lb. 500 Wh 36V re-charge time: 1-hour 80%, 4-hour 100%.
FRAME	Yamaha Dual Twin® frame. Tapered head tube. Internal cable/housing routing. 2-bolt drive unit mount. Integrated Yamaha speed sensor harness.
FORK	RockShox Lyrik Select, 160mm travel, 35mm stanchions. Charger RC damper with low-speed compression and rebound adjust. Compatible with RockShox premium short fender. Upgradeable to new Pressure Relief Valves via RockShox.
REAR SHOCK	RockShox Super Deluxe Select+ custom-tuned for the Yamaha YDX-MORO 07. 150mm travel, 210 x 55mm. DebonAir+ air spring with 15 clicks of rebound adjustment, 2-position compression adjustment.
HEADSET	Integrated tapered 1-1/8" - 1-1/2" (30mm of spacers)
STEM	Alloy 4-bolt faceplate, 35mm diameter, 40mm length
HANDLEBARS	Alloy 35mm diameter, 780mm width, 30mm rise
GRIPS	VELO® Single Ring Locking
SEAT POST/SADDLE CLAMP	TranzX® dropper post 30.9mm diameter Travel: (S) 125mm (M) 150mm (L) 170mm
SEATPOST COLLAR	Single-bolt 35.0mm
SADDLE	Yamaha anti-slip finish with handrail tail
AXLES	Maxle 15mm x 110mm Boost-Thru Axle

SHIFTERS	SHIMANO® DEORE® XT - RAPIDFIRE PLUS (SL-M8100-R)
FRONT DERAILLEUR	N/A
REAR DERAILLEUR	SHIMANO® DEORE® XT (RD-M8100-SGS)
CRANKARM	PRAXIS® E-Crank, 165mm length
CHAIN	KMC® Turbo EPT, 122 links
CASSETTE	SHIMANO® DEORE® XT 12-Speed, 10-51T (CS-M8100-12)
CHAINRINGS	PRAXIS®, 36T
BRAKES/ROTORS	MAGURA® MT5 4-Piston F/R 203mm Centerlock rotor (F/R) single-finger lever with adjustable lever reach
RIMS	Yamaha 27.5+ Alloy. Tubeless tape installed. Width: 46mm (outside), 40mm (inside)
SPOKES	14g alloy SUS304
HUBS	Anodized alloy, Centerlock brake mount, 15x110mm BOOST+ (front), 12x148mm Micro Spline freehub (rear)
TIRES/TUBES	MAXXIS® 27.5x2.6 - MINION DHF (Front), REKON (Rear)
ACCESSORIES	Protective motor and battery covers, ISCG05 chain guide, safety bell, VP® Acrylic pedals (no keys)
LIMITED WARRANTY	3-year limited warranty* on frame, drive unit, and battery; 1-year limited warranty* on other components (Yamaha supports original-equipment component manufacturers' warranties).

FRAME GEOMETRY

TOP TUBE (mm)	572	619	666
REACH (mm)	393	437	482
STACK HEIGHT (mm)	616	625	629
STAND OVER HEIGHT (mm)	741	751	759
HEAD TUBE (mm)	110	120	125
HEAD ANGLE	66.3°	66.3°	66.3°
SEAT ANGLE	70.3°	70.3°	70.3°
HANDLEBAR WIDTH (mm)	780	780	780
CRANKARM LENGTH (mm)	165	165	165
SEATPOST LENGTH (mm)	412	459	499
STEM LENGTH (MM)	40	40	40
BB DROP (mm)	22	22	22
REAR CENTER (mm)	464	464	464
WHEEL BASE (mm)	1,158	1,206	1,254
SEAT TUBE (mm)	395	405	415

*Go to www.yamahabicycles.com/warranty-overview/ for more information.