



## SPECIFICATIONS

<b>Suggested Use</b>	All Mountain Class-1 Ebike Off-Road Trail Use
<b>Color</b>	DUAL BLUE
<b>SIZE</b>	Small, Medium, Large
<b>TOTAL WEIGHT</b>	51.3 lb (Medium)
<b>MOTOR</b>	YAMAHA PW-X3 Class 1 Labeled Centermount ISIS Splined Crankarm Spindle YAMAHA Quad Sensor with Automatic Support and Walk Assist Modes Rate power: 250W (nominal), 500W (maximum) Max torque: 85Nm Max speed support: 20MPH Support Modes: ECO, Standard, High, MTB, Extra-Power, Automatic, Walk Assist
<b>CONTROL SWITCH AND MULTI-FUNCTION COMPUTER</b>	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 indicator) and Walk Assist mode (Purple LED indicator), Bluetooth™ connectivity, 3-color LED support-mode level light indicator, LED brightness adjustability, battery capacity (4-LED capacity indicators)
<b>BATTERY</b>	Yamaha 500Wh with Charge-life indicator and Self-diagnosis display Anti-Vibration Mounting Plate Weight: 6.61 lbs 500Wh 36V Re-charge time: 1-hour 80%, 4-hour 100%
<b>Frame</b>	YAMAHA Dual Twin Frame Tapered Headtube Internal cable/housing routing 2-bolt drive unit mount 12x148 rear axle spacing Integrated YAMAHA speed sensor harness
<b>Fork</b>	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 Values via RockShox
<b>Rear Shock</b>	ROCKSHOX SUPER DELUXE SELECT + Custom tuned for YAMAHA YDX-MORO 07 150mm travel, 210x55mm DebonAir+ air spring with 15 clicks of rebound adjustment, 2-position compression adjustment
<b>Headset</b>	Integrated tapered 1 1/8" - 1 1/2" (30mm of spacers)
<b>Stem</b>	Alloy 4-both faceplate 35.0 diameter 40mm length
<b>Handlebars</b>	Alloy 35.0 diameter 780mm width 30mm rise
<b>Grips</b>	VELO Single Ring Locking
<b>Seat Post/Saddle CLAMP</b>	TRANZX dropper post 30.9 dia. TRAVEL (S) 125mm (M) 150mm (L) 170mm
<b>SEATPOST COLLAR</b>	Single-bolt 35.0mm

<b>SADDLE</b>	YAMAHA anti-slip finish with hand rail tail
<b>Axles</b>	MAXLE 15MM X 110MM BOOST THRU AXLE
<b>SHIFTERS</b>	Shimano XT SL-M8100-R
<b>Front Derailleur</b>	N/A
<b>Rear Derailleur</b>	Shimano XT RD-M8100-SGS
<b>CRANKARM</b>	PRAXIS E-CRANK ARM 165mm LENGTH
<b>CHAIN</b>	KMC eTURBO EPT 122 links
<b>CASSETTE</b>	Shimano XT CS-M8100-12 12-spd (10-51T)
<b>Chainrings</b>	PRAXIS 36T
<b>BRAKES/ROTORS</b>	MAGURA MT5 4-PISTON F/R 203MM CENTERLOCK ROTOR (F/R) Single-Finger lever
<b>RIMS</b>	YAMAHA 27.5+ Alloy Tubeless tape installed Width: 46mm (outside) 40mm (inside)
<b>SPOKES</b>	14g alloy SUS304
<b>HUBS</b>	Anodized Alloy Centerlock brake mount 15x110mm BOOST+ (front), 12x148mm MicroSpline freehub Quick Release Thru Axle Type
<b>TIRES/TUBES</b>	MAXXIS 27.5X2.6 (F) MINION DHF (R) REKON
<b>ACCESSORIES</b>	Protective motor and battery covers ISCG05 chainguide Safety bell VP Acrylic pedals (No Keys)
<b>WARRANTY</b>	3-Year on Frame, Motor, Battery* Component Manufacturer's warranty** is supported by YAMAHA

## FRAME GEOMETRY

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



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<b>Suggested Use</b>	All Mountain Class-1 Ebike Off-Road Trail Use
<b>Color</b>	RAVEN/SILVER
<b>SIZE</b>	Small, Medium, Large
<b>TOTAL WEIGHT</b>	51.3 lb (Medium)
<b>MOTOR</b>	YAMAHA PW-X3 Class 1 Labeled Centermount ISIS Splined Crankarm Spindle YAMAHA Quad Sensor with Automatic Support and Walk Assist Modes Rate power: 250W (nominal), 500W (maximum) Max torque: 85Nm Max speed support: 20MPH Support Modes: ECO, Standard, High, MTB, Extra-Power, Automatic, Walk Assist
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