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UltraTRX Electric Bikes E2-MotoTRX with Full Suspension:

(Hydro-Dipped Matte Black or Camouflage)

2-Battery, 2- Motor System

3120 Peak Watts, 180NM, 2054 Watt-Hours Bafang Dual Motors Folding Fat Tire Electric Bike:

GET MORE … For LE$$!

More Power, More Torque, More Watt-Hours and More Patent-Pending Technology than any Other E-bike on Market .. For LE$$.

• KEY FEATURES:

- With two 1560-Watt Bafang Motors and two 30-amp controllers, these dual-motor electric bikes will reach a speed of 38 to 40 MPH and have between the two motors 180 NM of Torque. The Battery Output has a BMS of 50 - 60 amps. With 2054 Watt-Hours, real-life testing shows a distance per charge of 82 miles.
- A patent-pending, solid state switching system to change between the two batteries.
- A patent-pending, solid state switching system to change between the three batteries.
- **ThermoTRX Battery Protection System:** Batteries that are equipped with heat strips to maintain optimal temperature, (above freezing), for charging and discharging, extending the batteries' longevity.
- **GenerTRX Power Generation System:** Using Disc Brake Rotor Rotating with Magnets and Coils for a constant charge into your Lithium-Ion Battery increasing your distance mathematically by 30% - 50%.
- All manufactured parts for bicycles and e-bikes use 15-5 Stainless Steel on bolts, nuts and screws, which rust. **See our examples.** UltraTRX Electric Bikes is the only manufacturer that takes the time to pull and replace every bolt, screw, or nut possible with 18-8 Marine Grade Stainless Steel which will never ever rust. That is why our Electric Bikes will last forever.

• BIKE FRAME:

- **Frame:** Alloy Al6061, (Matte Black or Camouflage), with front emblem (Alloy) and bottom bike label.
- **Fork:** UltraTRX Steel 1 1/8 Threaded Suspension 100mm Travel.
- **Brakes/Levers:** Shimano MT200 Hydraulic Disc Brakes with Front/Rear 203mm Rotors.
- **Full Suspension:** DNM Rear Pivot Shock.
- **Shifter:** Shimano 8-Speed Quick Fire.
- **Rear Derailleur:** Shimano M3020 8-Speed Cassette and Derailleur.
- **Seatpost:** Alloy 27.2 mm, 350 mm length (black).
- **Seatpost Clamp:** Alloy with Quick Release.
- **Headset:** (Black) 1 1/8 Threaded, Sealed Bearings, Alloy Shell, (Adjustable Length).
- **Handlebars:** Alloy 31.8mm center clamp, 700 mm length with 35mm rise (textured black).
- **Grips:** Ergonomic Grips.
- **Adjustable Stem:** 1 1/8 Alloy with Extended Rise off Front Head Tube.
- **Rear Rack:** Patent-Pending Alloy Extra-Large Tubing for Strength, holds Rear Battery Under Rack.
- **Front and Rear Fenders:** Rigid Plastic; (No Noise for Silent Cycling). Hydro Dipped to Minimize Mud and Dirt Sticking to Frame
- **Lights:** Front and Rear with High LCD Illumination
- **Color:** All Parts Same Camouflage Color or Black: Rims, Bike, Racks, Saddle Bags, Fenders, Battery Covers

• RIMS AND WHEEL SETS:

- **Rim:** (Matte Black or Camouflage) 20" x 100 mm Alloy Rims; Tubeless Ready with Patented Cut Outs, ultra-light single wall alloy, welded seam, 36H.
- These ultra-light rims were instrumental in breaking two cycling world records. Click here to learn more. (Any other manufacturer with this rim design is in violation of our patent.)
- **Front Hubs:** Bafang Brushless Motor Hub with Alloy sealed Shell 1560 Watt System.
- **Rear Hub:** Bafang Brushless Motor Hub 1560 Watt System, with Sealed Bearings and 8-Speed Shimano Cassette.
- **Tires:** Kenda; 20" x 4" Width.
- **Tubes:** 20" x 4."
- **Spokes:** DT Champion, Stainless Steel with Liquid Nipple Lock Fluid to keep tight.
- **Front and Rear Locking Plates:** Stainless Steel Patent-Pending Bolt Through Locking Plates.

• WEIGHT AND PACKAGING:

- **Weight and Packing:** 85% complete
- **Weight:** 52 lbs.

• ELECTRONICS:

- **Front Wheel / Back Wheel Hub Motors:** 1560 Watt + 1560 Watt Motors, 52 Volt, 39.5 Amp Hour Battery, 3120 Total Watts. Total 50 Amp output for maximum motor output; (Compared to other dual motor manufacturers whose BMS output is 30 Amps which is not sufficient for two motors using 30 Amps each.)
- **Throttle:** Handlebar Mounted Thumb Throttles.
- **Dual Display Pads:** Handlebar Mounted Color Digital Display with 3 Levels of Power: Low-Medium-High. Each motor has a separate controller creating two separate electronic systems. This allows a rider the option to choose one motor (front or back) or both depending on what they want to achieve in any situation. Plus, if one motor

malfunctions, they still can use the second motor to get to their destination; (No other manufacturer offers this feature, Patent-Pending.)

- **Dual Control Units:** Dual Mounted 30 Amp Controllers in a custom-made compartment. These have separate electronic systems. (Some manufacturers offer this; however, maximum Amp output is 15 – 17 Amp per Controller which minimizes power and torque.)
- **Batteries:** Inside Top Tube: 52V, 15 AH, 50 Amp BMS, SAMSUNG® Cell, with 2A Charger; Rear Rack Battery: 52V, 24.5 AH, 50 Amp BMS SAMSUNG® Cell with 2A Charger.
- (Compared to other dual motor manufacturers whose BMS output is 30 Amps which is not sufficient for two motors using 30 Amps each.)
- **Battery Duration:** Total 39.5 Amp Hours, 82 Miles per Charge. (Tested with 210 lb. man riding).
- This will be 2054 Watt-Hours, and with each 1560 Watt Motor will achieve 25 Miles per Watt Hour, or 65 – 75 Conservative Miles per Charge.
- 15 AH Inside Tube, and 24.5 AH Battery on Rear Rack = 39.5 AH or 2054 Watt-Hours
- Max distance mathematically calculated: 39.5 AH x 52 = 2054 Watt Hours ÷ 25 = 82 miles per Charge.
- **Charger:** Long-Lasting 2 Amp Charger, Charge Time 4 Hours. (Use of a Quick Charge Charger are Proven to Shorten Battery Life.)

• SPEED / DISTANCE:*

- **Speed:** Non-Pedaling Assist Maximum Speed 35-40 MPH.*
  Maximum Speed 40 MPH, Tested and proven with 210 lb man.
- **Maximum Torque:** 180NM; This bike gets max torque immediately, so both wheels spin if you hit full throttle.
- **Distance:** Non-Pedaling Distance Approximately 65 - 75 Miles at Steady Full Speed on both Batteries. *
- *Please Note: Data may vary depending on load, terrain and incline.

• ADDITIONAL FEATURES:

- **Optional Gyro Hitch Pulling Patent-Pending Adaptor:** to allow wheeled carts and caddies to attach to bike rear rack.
- **Optional UltraTRX 4 Wheel Cart:** This cart not only has four wheels which are specially designed to go up and down and over any terrain. It also has puncture-proof, (foam-filled), extra-wide tires at 6” wide and 16” diameter. This cart can not only be used for backcountry hunting or fishing but with its extra-wide tires, it can also be used to haul beach gear, and sports equipment, and since it folds up, it will fit in almost any vehicle. Our **GenerTRX Power Generation System** can be applied to all four wheels.

Warranty: One Year Manufacturer’s Warranty on Electronics; Two Years on Frame and Fork.