**SPECIFICATIONS**

- **Suggested Use:** Road, Urban Bike Path
- **Size:** S 53cm, M 55cm, L 58cm
- **Frame:** Yamaha hydroformed and butted aluminum.
- **Fork:** Aerodynamic alloy. 12mm thru-axle. Fender compatible. Internal hose routing. 1 1/8\(^{\text{in}}\) dia.
- **Battery:** Side exit Yamaha 500Wh 36V Lithium-Ion
- **Motor:** PWSeries SE 3-bolt mount
- **Crankarm:** Square taper. 165mm (53cm). 170mm (55cm and 58cm)
- **Chainring(s):** 50/34T E-Ring 110 BCD
- **Shifters:** Shimano Tiagra Hydraulic Disc Brake Dual Control Lever 2x10 (ST-RS405)
- **Front Derailleur:** Shimano Tiagra (2 x 10) Braze-on
- **Rear Derailleur:** Shimano Tiagra RD-4700 GS 10-Speed
- **Brakes/Rotors:** Shimano Tiagra BR-RS405 Hydraulic Disc 160mm SM-RT68 Centerlock Rotor
- **Cassette:** Shiman 11/32T
- **Chain:** KMC X10e
- **Hubs:** Front: 12 x 100 TA. Rear: 12 x 142, Shimano freehub, Integrated speed sensor, Centerlock
- **Rims:** 700c Aero alloy rim. 27mm depth. Rim width: 22.2mm (OUTSIDE) 17MM (INSIDE)
- **Spokes:** Spokes SUS304
- **Spoke Nipples:** Brass
- **Tires/Tubes:** CST XPEDUIUM AMPERO (700 x 35c). Level-5 flat protection. Reflect sidewall. PV Tube
- **Headset:** Integrated headset with 30mm headset spacers
- **Stem:** 4-bolt faceplate. 31.8 diameter. 80mm length (53cm, 55cm). 100mm length (58cm)
- **Handlebar:** Alloy drop bar. 31.8mm diameter. 40cm width (53cm). 42cm (55cm and 58cm)
- **Grips/Tape:** Padded cork tape
- **Seatpost/Saddle Clamp:** Alloy 30.9 x 260mm(S), 315mm(M), 350mm(L) with 2-bolt adjustable tilt saddle rail clamp
- **Seatpost Collar:** Alloy 2-bolt 35.0mm
- **Saddle:** Yamaha Road Plus Cro-Mo Rail

**FEATURES**

- **Fender/Rack Compatible**
- **Triple Sensor System**
- **Rear hub speed sensor**
- **Ergonomic control switch**
- 4 Assist modes: ECO+, ECO, STD, HIGH
- Side-exiting battery with anti-vibration dock
- Rated power: 250W (Nominal), 500W (Max)
- Max torque support: 70 Nm
- Max cadence support: 110 rpm
- Max speed support: 20 mph
- Internal cable/housing routing
- Yamaha LED headlight
- Yamaha keys
- Yamaha battery charger
- Bell

3-Year Warranty: Frame, Motor, Battery*
Component manufacturer's warranty by Yamaha
*full details on warranty sheet

**FRAME GEOMETRY**

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<thead>
<tr>
<th></th>
<th>SMALL</th>
<th>MEDIUM</th>
<th>LARGE</th>
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<tbody>
<tr>
<td>Top tube (effective)</td>
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<td>550</td>
<td>580</td>
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<tr>
<td>Reach length</td>
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<tr>
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<tr>
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<tr>
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MSRP: $3299