6061 eBike Commuter
SIZING AND SPECS
**COMPONENTS**

1. **Motor**
   - 36V - 250W AKM Rear Brushless Motor

2. **Battery**
   - LG 36V10Ah Cell Lithium Battery
   - 3.5 hours Charge Time

3. **Chain**
   - KMC S1

4. **Crankset**
   - 52T BCD 130mm w/ Alloy Chainguard

5. **Fork**
   - Aluminum with Alloy Steerer

6. **Frame**
   - 6061 Aluminum

7. **Handlebars**
   - Double-butted OS 31.8mm Alloy

8. **Headset**
   - NECO H156M

9. **Hubs**
   - Alloy Disc Hub (36H)

10. **Saddle**
    - Black Microfiber

11. **Seatpost**
    - Alloy 30.4mm, 300mm length

12. **Stem**
    - 3D-Forged Alloy EXT 70mm, OS 31.8mm w/ Integrated LCD screen

13. **Tires**
    - Kenda eBike-specific 700x40c

14. **Brakes**
    - 160mm Rotor Disc Brakes

---

### BICYCLE SIZING AND GEOMETRY

<table>
<thead>
<tr>
<th>INSEAM (IN.)</th>
<th>HEIGHT (IN.)</th>
<th>FRAME SIZE (CM)</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
</tr>
</thead>
<tbody>
<tr>
<td>30” – 32”</td>
<td>5’3” – 5’7”</td>
<td>49</td>
<td>45.4</td>
<td>4.5</td>
<td>12</td>
<td>72.5°</td>
<td>49</td>
<td>73.5°</td>
<td>54 (56)</td>
</tr>
<tr>
<td>32” – 34”</td>
<td>5’7” – 5’10”</td>
<td>53</td>
<td>45.4</td>
<td>4.5</td>
<td>14</td>
<td>72.5°</td>
<td>53</td>
<td>73.5°</td>
<td>56.8 (58.5)</td>
</tr>
<tr>
<td>34” – 36”</td>
<td>5’10” – 6’2”</td>
<td>57</td>
<td>45.4</td>
<td>4.5</td>
<td>16</td>
<td>72.5°</td>
<td>57</td>
<td>73.5°</td>
<td>59.5 (61)</td>
</tr>
</tbody>
</table>

6061 eBike Commuter Frame Geometry
<table>
<thead>
<tr>
<th></th>
<th>SMALL (49cm)</th>
<th>MEDIUM (53cm)</th>
<th>LARGE (57cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACTUAL TOP TUBE LENGTH</td>
<td>540mm</td>
<td>567.8mm</td>
<td>595.2mm</td>
</tr>
<tr>
<td>EFFECTIVE TOP TUBE LENGTH</td>
<td>560mm</td>
<td>585mm</td>
<td>610mm</td>
</tr>
<tr>
<td>BB DROP</td>
<td>68mm</td>
<td>68mm</td>
<td>68mm</td>
</tr>
<tr>
<td>BB HEIGHT</td>
<td>285mm</td>
<td>285mm</td>
<td>285mm</td>
</tr>
<tr>
<td>CHAIN STAY LENGTH</td>
<td>454mm</td>
<td>454mm</td>
<td>454mm</td>
</tr>
<tr>
<td>COMPLETE BIKE WEIGHT (MEDIUM)</td>
<td>17.6kg</td>
<td>17.6kg</td>
<td>17.6kg</td>
</tr>
<tr>
<td>CRANK ARM LENGTH</td>
<td>170mm</td>
<td>170mm</td>
<td>170mm</td>
</tr>
<tr>
<td>FORK LENGTH</td>
<td>415mm</td>
<td>415mm</td>
<td>415mm</td>
</tr>
<tr>
<td>FORK OFFSET</td>
<td>45mm</td>
<td>45mm</td>
<td>45mm</td>
</tr>
<tr>
<td>HEAD TUBE ANGLE</td>
<td>72.5°</td>
<td>72.5°</td>
<td>72.5°</td>
</tr>
<tr>
<td>HEAD TUBE LENGTH</td>
<td>120mm</td>
<td>140mm</td>
<td>160mm</td>
</tr>
<tr>
<td>REACH</td>
<td>394.3mm</td>
<td>413.6mm</td>
<td>433mm</td>
</tr>
<tr>
<td>SEAT TUBE</td>
<td>490mm</td>
<td>530mm</td>
<td>570mm</td>
</tr>
<tr>
<td>SEAT TUBE ANGLE</td>
<td>73.5°</td>
<td>73.5°</td>
<td>73.5°</td>
</tr>
<tr>
<td>STACK</td>
<td>559.4mm</td>
<td>578.4mm</td>
<td>597mm</td>
</tr>
<tr>
<td>STANDOVER HEIGHT</td>
<td>781.4mm</td>
<td>808.4mm</td>
<td>836.7mm</td>
</tr>
<tr>
<td>WHEEL BASE</td>
<td>1046.7mm</td>
<td>1072mm</td>
<td>1097.4mm</td>
</tr>
</tbody>
</table>
**MOTOR**
36V - 250 Watt AKM
Rear Brushless Motor

20 mph limited (Class 1)
18-24 miles (with level 5 assist) / >100 miles (with level 1 assist)

**BATTERY**
LG 36V10Ah Cell Lithium Battery
3.5 hours Charge Time

**BRAKES**
160mm Rotor Disc Brakes
Forged Alloy

**CHAIN**
KMC S1

**CHAINRING**
52T BCD 130MM
with Alloy Chainguard

**CRANK**
CNC’d 6061 Aluminum
Crank Arm Length: 170mm

**FORK**
6061 Aluminum Fork with
Alloy Streerer

**FRAME**
6061 Aluminum

**HEADSET**
NECO H156M

**HANDLEBARS**
Double-Butted Sport Bar OS 31.8MM

**HUBS**
Alloy Disc Brake Hub 36 Holes
Spacing: F: 100mm / R: 120mm

**PEDALS**
Alloy Platform Pedals

**SADDLE**
Black MicroFiber with Steel Rails

**SEAT POST**
Alloy
Diameter: 30.4mm
Length: 300mm

**SEAT POST CLAMP**
Aluminum
Diameter: 34.9mm

**SPOKES**
14G, 3 Cross Pattern
Spoke Length F/R: 270mm

**STEM**
Forged Aluminum
Clamp Diameter: 31.8mm
Length: 90mm
Rise: +/- 7°

**TIRES**
Kenda eBike Specific
700c x 40mm

**WHEELS**
700c Aluminum Wheel Set
Mid Profile Rim Depth