

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 | S1 |
| 4 Crankset | 52T BCD 130mm w/ Alloy Chainguard |
| 5 Fork | Aluminum with Alloy Steerer |
| 6 Frame | 6061 Aluminum |
| 7 Handlebars | Double-budded 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 700x45c |
| 14 Brakes | 160mm Rotor Disc Brakes |

BICYCLE SIZING AND GEOMETRY

| INSEAM (IN.) | HEIGHT (IN.) | FRAME SIZE (CM) | A CHAIN STAY (CM) | B FORK OFFSET (CM) | C HEAD TUBE LENGTH (CM) | D HEAD TUBE ANGLE | E SEAT TUBE LENGTH (CM) | F SEAT TUBE ANGLE | G TOP TUBE LENGTH (CM) <small>ACTUAL / EFFECTIVE</small> |
|-----------------|-----------------|--------------------|-------------------------|--------------------------|-------------------------------|-------------------------|-------------------------------|-------------------------|---|
| 30" – 32" | 5'3" – 5'7" | 49 | 45.4 | 4.5 | 12 | 72.5° | 49 | 73.5° | 54 (56) |
| 32" – 34" | 5'7" – 5'10" | 53 | 45.4 | 4.5 | 14 | 72.5° | 53 | 73.5° | 56.8 (58.5) |
| 34" – 36" | 5'10" – 6'2" | 57 | 45.4 | 4.5 | 16 | 72.5° | 57 | 73.5° | 59.5 (61) |

DETAILED SIZING AND SPEC GUIDE

| | SMALL (49cm) | MEDIUM (53cm) | LARGE (57cm) |
|--------------------------------------|---------------------|----------------------|---------------------|
| ACTUAL TOP TUBE LENGTH | 540mm | 567.8mm | 595.2mm |
| EFFECTIVE TOP TUBE LENGTH | 560mm | 585mm | 610mm |
| BB DROP | 68mm | 68mm | 68mm |
| BB HEIGHT | 285mm | 285mm | 285mm |
| CHAIN STAY LENGTH | 454mm | 454mm | 454mm |
| COMPLETE BIKE WEIGHT (MEDIUM) | 17.6kg | 17.6kg | 17.6kg |
| CRANK ARM LENGTH | 170mm | 170mm | 170mm |
| FORK LENGTH | 415mm | 415mm | 415mm |
| FORK OFFSET | 45mm | 45mm | 45mm |
| HEAD TUBE ANGLE | 72.5° | 72.5° | 72.5° |
| HEAD TUBE LENGTH | 120mm | 140mm | 160mm |
| REACH | 394.3mm | 413.6mm | 433mm |
| SEAT TUBE | 490mm | 530mm | 570mm |
| SEAT TUBE ANGLE | 73.5° | 73.5° | 73.5° |
| STACK | 559.4mm | 578.4mm | 597mm |
| STANDOVER HEIGHT | 781.4mm | 808.4mm | 836.7mm |
| WHEEL BASE | 1046.7mm | 1072mm | 1097.4mm |

DETAILED SIZING AND SPEC GUIDE

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 45mm

WHEELS

700c Aluminum Wheel Set
Mid Profile Rim Depth