

QUEST

ELECTRIC MOBILITY



Hub Motor eBike

SPECIFICATIONS

FRAMESET

FRAME	Quest step through multi adjustable 6061 Alloy, internal cable routing, Removeable in frame battery 18"
COLOR	White with Black
FORK	Suntour NEX Suspension 26" 50mm travel

DRIVETRAIN

SHIFTERS	Shimano Rapidfire 8 speed
CHAINRINGS	42T
CHAIN	KMC
REAR DERAILLEUR	SHIMANO Altus 8-speed
CASSETTE	11-32T

COMPONENTS

HANDLEBAR	Alloy Touring back sweep 30°
STEM	Promax Adjustable
GRIPS	Rubber Ergonomic
SEAT POST	Alloy touring
SADDLE	Selle Royal Comfort
BRAKE LEVERS	Tektro airies with integrated bell, power shut off switches
BRAKE CALIPERS	Tektro mechanical disc
ROTORS	Front 180mm, Rear 160mm

WHEELS

TIRES	CST Classic Zeppelin 26" x 2.0
RIMS	Double wall Alloy with Quick release hub

ACCESSORIES

INCLUDED	SPANNINGA Lights - Front: Galeo / Rear: Duxo Xe (Powered by main Battery) Front & Rear Alloy Fenders Rear Cargo rack 15 kg capacity with bungee Chain Guard Water Bottle Boss on Seat Tube Kickstand Tool Kit Battery Charger
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(Battery Can be charged mounted on or off the bike.)

ELECTRIC TECHNOLOGY

DISPLAY UNIT	LCD Backlit, error detection, Battery status, Lights switch, Main power, Power assist level selector, Speedometer, Odometer, Trip Timer
MOTOR	350 watt, (500 watt peaks) Geared Bushless rear hub motor up to 43Nm
TORQUE	up to 43Nm
BATTERY TYPE	18650 Samsung cells, Lithium Ion Battery
VOLTAGE	36V
BATTERY Ah	11.6Ah
BATTERY CAPACITY	417.6Wh
RANGE	Approximately 60 - 80 km (37 - 50 Miles) *
POWER ASSIST	9 Levels of power assisted pedalling
THROTTLE	Thumb Throttle
CONNECTORS	Push type quick change for easy maintenance
SENSOR	Speed sensor, 12 magnetic, dual hall
CLASS	Class 2 **
BATTERY CHARGER	110/220 volt CUL Approved Smart Charger 2 Amp

NOTES

FRAME SIZE	Multi adjustable for anyone from 5 ft to over 6 ft
SEAT HEIGHT (MIN/MAX)	80cm / 102.9cm (31.5" / 40.5")
BIKE WEIGHT	21.7kg (48 lbs)
BATTERY WEIGHT	2.3kg (5 lbs)
WEIGHT CAPACITY	114 kg (250 lbs)

Assembly required

Comes mostly built in the box. Install front fender, front light, pedals, & mount 2 bolts to the pre assembled handlebar to mount on stem.

*Actual range may vary depending on Ah of battery rider weight and other riding conditions.

**electric bike class regulation:

Class 1 - Pedal assist motor with maximum assisted speed 32km/h (20mph)

Class 2 - Pedal assist motor and throttle with maximum assisted speed 32km/h (20mph)

Class 3 - Throttle and/or pedal assist motor with maximum assisted speed 45km/h (28mph)

all classes allow a maximum motor power of 500W(Canada)



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