

DISCOVERY

ROSEMENT

*Accessible and effortless to use
for everyday active transport
and leisure.*



STEP THROUGH URBAN/LEISURE

DISCOVERY ROSEMONT LE



ACCESSIBILITY, SAFETY AND PEACE OF MIND

Easy to mount frame with ERGOFIT design for maximum versatility and comfort. Effortless control and enhanced safety and security features allow freedom to simply enjoy the ride. The perfect introduction to active transport, well suited for everyday use.



PEDAL ASSIST SYSTEM

POWER ON DEMAND THROTTLE



Configurable to **CLASS 1**
CLASS 3 capable where permitted **

MOTOR & THROTTLE

With up to 55Nm of torque the 500W throttle enabled motor system delivers a safe, consistent and dependable riding experience.

POWER AND RANGE

720Wh removable integrated battery with security lock providing up to 110km (69mi)* range. Ready everyday with plug and play charging and all day range.

PEDAL ASSIST SEGMENTS

Eco/Tour/Sport/Turbo/Boost
User programmable and seamless intelligent riding experience.



DISCOVERY ROSEMONT LE

STEP THROUGH URBAN/LEISURE

FRAMESET

FRAME	Hydroformed Alloy, 27.5 Step Through ERGOFIT frame, internal cable routing head tube ported, removable down tube battery with security lock, accessory ready rear cargo rack
COLOR	Off White
FORK	RST VOLANT 700C, 80mm travel, lockout with quick release

DRIVETRAIN

SHIFTERS	SHIMANO ALTUS 8-speed
CHAINRINGS	42T with Narrow Wide teeth
CHAIN	KMC E8-S
REAR DERAILLEUR	SHIMANO ACERA 8-speed
CASSETTE	SHIMANO ACERA 8-speed 11-32T

COMPONENTS

HANDLEBAR	630mm, 21mm rise, 31.8mm dia.
GRIPS	VELO, Ergonomic, 135mm
STEM	Toolless adjustable threadless with 0 to 90 degree rise
SEAT POST	31.6mm (350mm)
SADDLE	SELLE ROYAL Rio
BRAKE LEVERS	TEKTRO HDE350 with power cut off switch
BRAKE CALIPERS	TEKTRO HDE350 Hydraulic Disc
ROTORS	180mm

WHEELS

TIRES	CHAORYANG 27.5"x2.4"
RIMS	27.5", Dual Wall Alloy, black

ELECTRIC TECHNOLOGY

BLUETOOTH DISPLAY UNIT	NEW iGO Mobile App (Android and iOS). Customizable profile and performance settings with full diagnostic monitoring and alerts. 2" HD High Brightness IPS Color LCD Display, Ergonomically Designed Buttons, IP65 Waterproof, Password Protected Power On Option, USB Charging Port, Light Auto On/Off Option (Ambient Light Detector), Interface Color Coded Display Reference (for Quick Glance Safety), Main Power/PAS Control/Ride, Stats and Settings Toggle, PAS Level/Battery/Power/Clock, Speedometer/Max Speed/Avg Speed, Trip Distance, Battery Voltage/Capacity Percentage/Range/Accumulated Charging Cycles, Motor Power Output Average/Maximum, Ride Analysis Statistics, Diagnostic and Warning Information, Walk Assist
MOTOR	iGO DRIVE LE 500W geared rear hub motor, 48V
TORQUE	up to 55Nm
BATTERY	5000mAh SAMSUNG cell, removable with security lock (48V 15Ah 720Wh)
RANGE	110km (69mi) *
PEDAL ASSIST SYSTEM	Eco/Tour/Sport/Turbo/Boost color coded per PAS level
THROTTLE	On-Demand, Removable
SENSOR	Electronic 32 pulse Cadence Sensor integrated into the bottom bracket
CLASS	Class2 / Class1 optional / Class3 capable where permitted **

ACCESSORIES INCLUDED

Front LED light XC-259A (powered by main battery), Rear LED SPANNINGA LED Commuter Glow XE with brake light integrated into rear rack (powered by main battery), Front & Rear Fenders, Rear Cargo Rack Accessory ready, Integrated Chainring Guard, Water Bottle Bosses on Seat Tube, Kickstand, Welgo Pedals, Bell, Tool Kit, Battery Charger

NOTES

BIKE WEIGHT (without battery)	25.9kg (57.1 lbs)	WEIGHT CAPACITY	125kg (275 lbs)
BATTERY WEIGHT	3.5kg (7.7 lbs)		

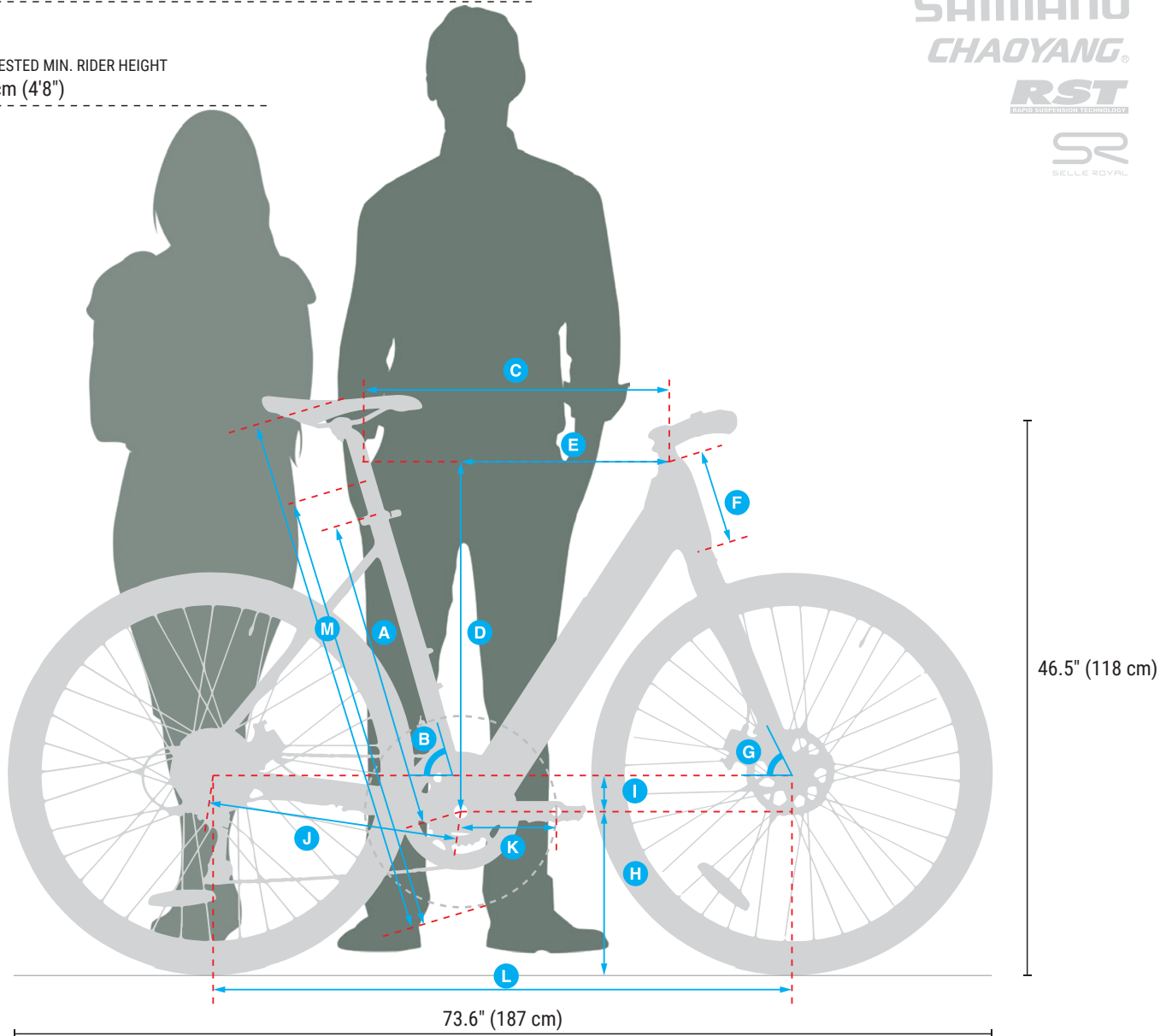


*Actual range may vary depending on Ah of battery rider weight and other riding conditions. Specifications subject to change



SUGGESTED MAX. RIDER HEIGHT
190 cm (6'2")

SUGGESTED MIN. RIDER HEIGHT
142cm (4'8")



FRAME SIZE	45.7cm (18")	ERGOFIT step through frame accommodates a rider from 4'8" to over 6'2"	
A SEAT TUBE LENGTH	457mm	H BOTTOM BRACKET HEIGHT	282mm
B SEAT TUBE ANGLE	72.7°	I BOTTOM BRACKET DROP	70mm
C EFFECTIVE TOP TUBE LENGTH	610mm	J CHAINSTAY LENGTH	435.5mm
D STACK	655mm	K CRANK LENGTH	170mm
E REACH	464mm	L WHEELBASE	1144mm
F HEAD TUBE LENGTH	150mm	M SADDLE HEIGHT (MIN/MAX)	76.7cm / 96.7cm (30.2" / 38.1")
G HEAD TUBE ANGLE	70.3°		