

DISCOVERY

ROSEMENT

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



STEP THROUGH URBAN/LEISURE

DISCOVERY ROSEMONT LE1



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.

POWER ON DEMAND THROTTLE



5 PEDAL ASSIST SYSTEM



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 SYSTEM

5 Levels of power assisted pedaling.



DISCOVERY ROSEMONT LE1

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	SUNTOUR NEX-DS, 63mm 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	CHAOYANG 27.5"x2.4"
RIMS	27.5", Dual Wall Alloy, black

ELECTRIC TECHNOLOGY

DISPLAY UNIT	2" TFT Display LCD display, Main power on/off, Front & Rear lights on/off, Backlit for night viewing, Battery Level indicator, PAS Level, Current, Average, Maximum speed, Walk Mode, Total distance odometer, Trip odometer, Trip Timer, Error code diagnostics
MOTOR	iGO DRIVE LE 500W (750W peak) geared rear hub motor, 48V
TORQUE	up to 55Nm
BATTERY	5000mAh SAMSUNG 21700 cell, removable with security lock (48V 15Ah 720Wh)
RANGE	110km (69mi) *
PEDAL ASSIST SYSTEM	5 Levels of power assisted pedaling
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, Wellgo 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)		



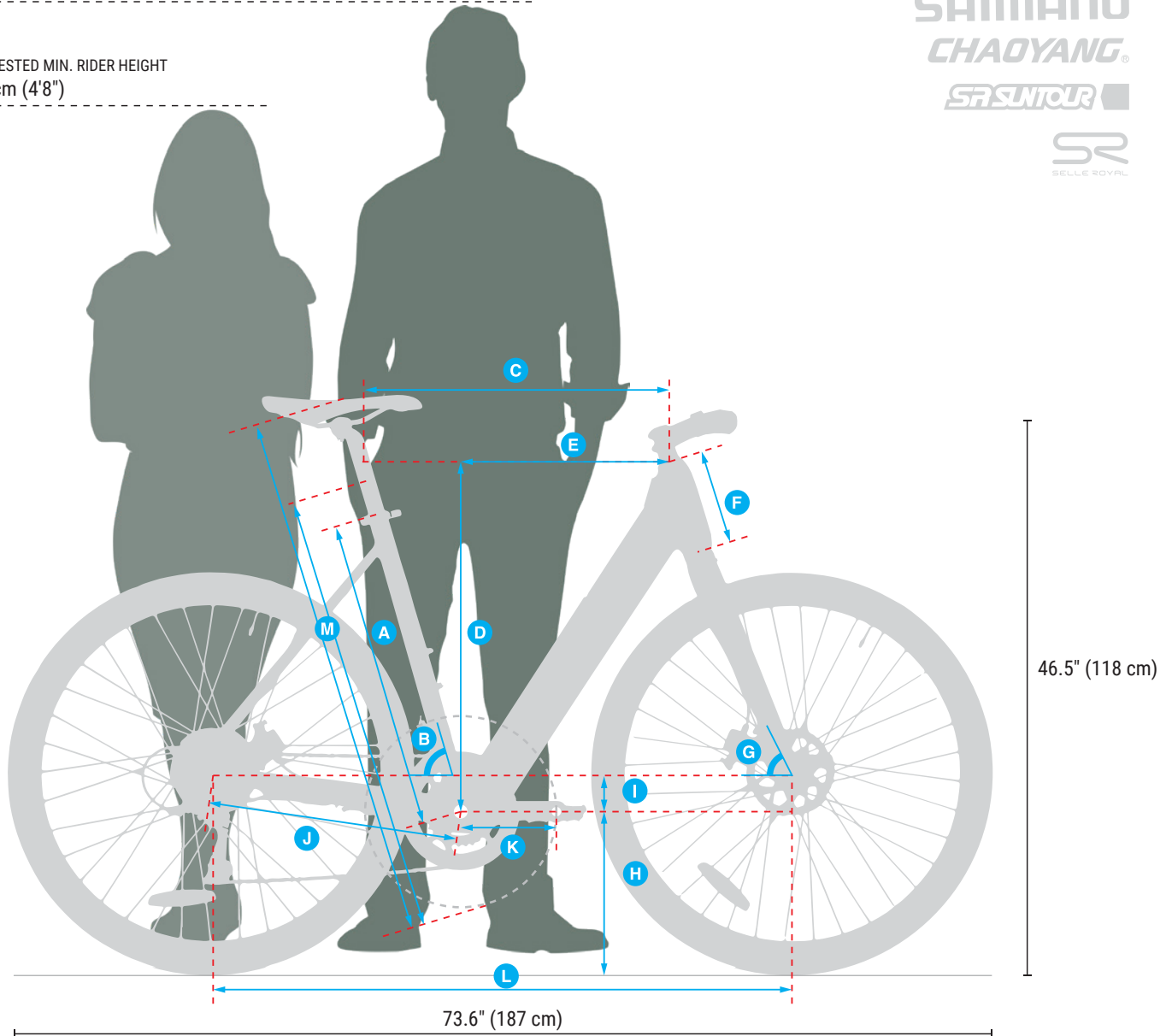
*Actual range may vary depending on Ah of battery rider weight and other riding conditions.
Specifications subject to change

DISCOVERY ROSEMONT LE1 GEOMETRY



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	604mm	J CHAINSTAY LENGTH	455mm
D STACK	644mm	K CRANK LENGTH	170mm
E REACH	461mm	L WHEELBASE	1164mm
F HEAD TUBE LENGTH	150mm	M SADDLE HEIGHT (MIN/MAX)	76.7cm / 96.7cm (30.2" / 38.1")
G HEAD TUBE ANGLE	70.3°		