

DISCOVERY

YORKVILLE

LS



Engaging and commanding ride quality for active transport and leisure.

HYBRID URBAN/LEISURE

DISCOVERY YORKVILLE LS



ACCESSIBLE AND INTUITIVE ENHANCED RIDING CAPABILITY

Hybrid eBike with powerful, dynamic motor system delivering the advantages of electric assist to seamlessly enhance the traditional riding experience. Customizable assist settings to satisfy seasoned riders, enhanced safety features and serviceability built into the fabric of the bike for durability and peace of mind.



PEDAL ASSIST SYSTEM

POWER ON DEMAND THROTTLE



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

MOTOR & THROTTLE

City tuned 100Nm/350W mid motor with Torque/Cadence sensing and throttle delivers a powerful and intuitive natural riding experience.

POWER AND RANGE

720Wh battery 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.



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FRAMESET

FRAME	Hydroformed Alloy, 27.5 Hybrid frame, internal cable routing head tube ported, removable down tube battery with security lock, accessory ready rear cargo rack
COLOR	Platinum
FORK	RST BLAZE-27.5TNL-15, 80mm travel, lockout, Thru Axle

DRIVETRAIN

SHIFTERS	SHIMANO ALIVIO 9-speed Rapidfire Plus
CHAINRINGS	42T with Narrow Wide teeth
CHAIN	KMC E9-S
REAR DERAILLEUR	SHIMANO ALIVIO 9-speed
CASSETTE	SHIMANO ALIVIO 9-speed 11-34T

COMPONENTS

HANDLEBAR	640mm, 45mm rise, 31.8mm dia.
GRIPS	VELO, Ergonomic, 135mm
STEM	80mm with 7 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	WTB GROOV-E 27.5"x2.4", 60tpi
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 LS 350W mid motor, 48V
TORQUE	up to 100Nm
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	Internal Torque, Cadence, Speed
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)	25.5kg (56.2 lbs)	WEIGHT CAPACITY	125kg (275 lbs)
BATTERY WEIGHT	3.5kg (7.7 lbs)		

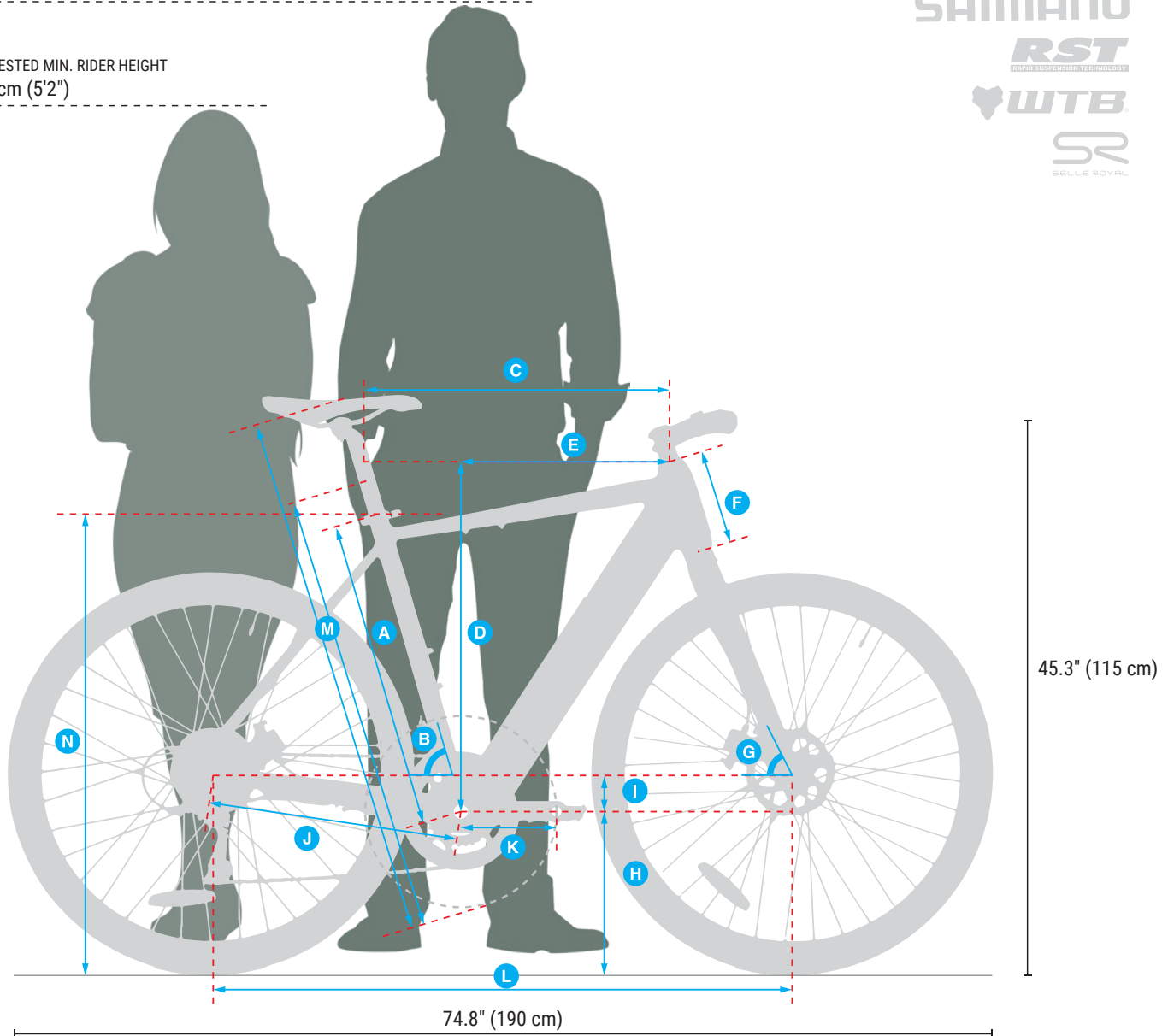


*Actual range may vary depending on Ah of battery rider weight and other riding conditions. Specifications subject to change



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

SUGGESTED MIN. RIDER HEIGHT
157 cm (5'2")



FRAME SIZE	48cm (19")	frame accommodates a rider from 5'2" to over 6'2"	
A SEAT TUBE LENGTH	480mm	H BOTTOM BRACKET HEIGHT	280mm
B SEAT TUBE ANGLE	73.4°	I BOTTOM BRACKET DROP	72mm
C EFFECTIVE TOP TUBE LENGTH	621mm	J CHAINSTAY LENGTH	470mm
D STACK	652mm	K CRANK LENGTH	170mm
E REACH	457mm	L WHEELBASE	1168mm
F HEAD TUBE LENGTH	150mm	M SADDLE HEIGHT (MIN/MAX)	77cm / 97cm (30.3" / 38.2")
G HEAD TUBE ANGLE	71°	N STAND OVER HEIGHT	73cm (28.7")