



OUTLAND SAILOR BACK RIS

Power and control for the pursuit of single track and cross country adventure.

HARDTAIL 27.5 eMTB

OUTLAND SAWBACK RS1



POWERFUL, SPORTY, AGILE AND DEPENDABLE

High powered multi terrain drivetrain and dynamic motor system delivering all the advantages of electric assist while maintaining a traditional riding experience. Built to excel on trails with geometry and components tuned for cross country performance.

POWER ON DEMAND THROTTLE



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

MOTOR & THROTTLE

Cross-country tuned 130Nm/500W mid motor with Torque/Cadence sensing and throttle delivers a powerful and intuitive natural riding experience.

POWER AND RANGE

720Wh battery providing up to 70km (45mi)* range. Ready everyday with plug and play charging and all day range.

PEDAL ASSIST SYSTEM

5 Levels of power assisted pedaling.



OUTLAND **SAWBACK** RS1

HARDTAIL 27.5 eMTB

FRAMESET

FRAME	Hydroformed Alloy, 27.5 Hardtail MTB frame, internal cable routing head tube ported, removable down tube battery with security lock
COLOR	Celeste and Black
FORK	SUNTOUR SF-18 27.5" XM34-DS-Boost-LO suspension, 120mm travel, lockout, Q-Loc Thru Axle

DRIVETRAIN

SHIFTERS	SHIMANO ALTUS 8-speed Rapidfire Plus
CHAINRINGS	34T with Narrow Wide teeth
CHAIN	KMC E8-S
REAR DERAILLEUR	SHIMANO ACERA 8-speed
CASSETTE	SHIMANO ACERA 8-speed 11-32T

COMPONENTS

HANDLEBAR	720mm, 28mm rise, 31.8mm dia.
GRIPS	VELO, Rubber palm rest, 132mm
STEM	45mm with 3 degree rise, 31.8mm clamp dia.
SEAT POST	31.6mm (350mm)
SADDLE	SELLE ROYAL
BRAKE LEVERS	TEKTRO HDE350 with power cut off switch
BRAKE CALIPERS	TEKTRO HDE350 Hydraulic Disc
ROTORS	180mm

WHEELS

TIRES	MAXXIS M315 EXO 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 RS 500W mid motor, 48V
TORQUE	up to 130Nm
BATTERY	5000mAh SAMSUNG 21700 cell, removable with security lock (48V 15Ah 720Wh)
RANGE	70km (45mi) *
PEDAL ASSIST SYSTEM	5 Levels of power assisted pedaling
THROTTLE	On-Demand, Removable
SENSOR	Internal Torque, Cadence, Speed
CLASS	Class2 / Class1 optional / Class3 capable where permitted **

ACCESSORIES INCLUDED

Water Bottle Bosses on Seat Tube, Kickstand, VP-501 Pedals, Tool Kit, Battery Charger

NOTES

BIKE WEIGHT (without battery)	27.4kg (60.4 lbs)	WEIGHT CAPACITY	125kg (275 lbs)
BATTERY WEIGHT	3.5kg (7.7 lbs)		



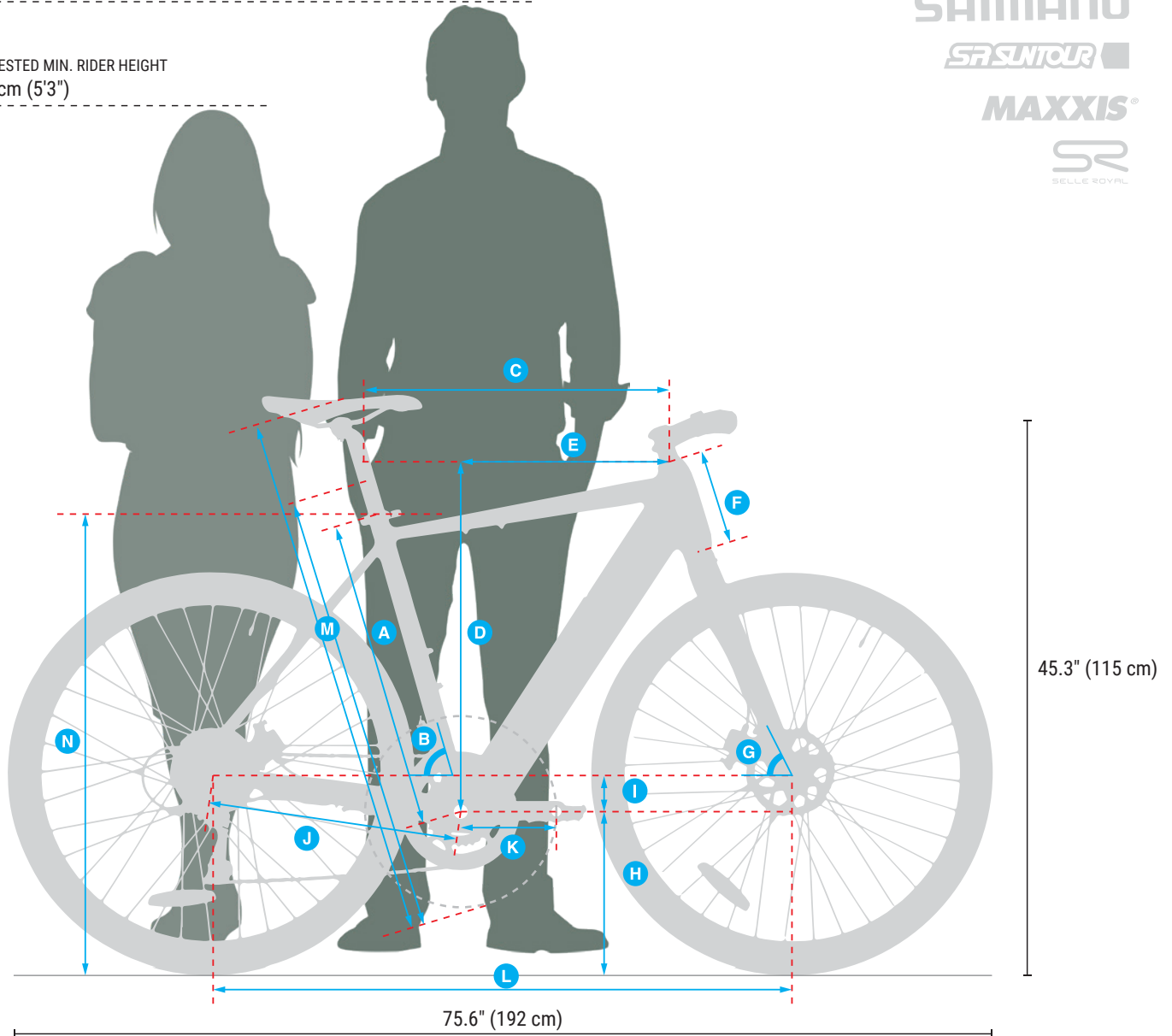
*Actual range may vary depending on Ah of battery rider weight and other riding conditions.
Specifications subject to change

DISCOVERY SAWBACK RS1 GEOMETRY



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

SUGGESTED MIN. RIDER HEIGHT
160 cm (5'3")



FRAME SIZE		49cm (19.3")	
A	SEAT TUBE LENGTH	490mm	
B	SEAT TUBE ANGLE	71°	
C	EFFECTIVE TOP TUBE LENGTH	612mm	
D	STACK	693mm	
E	REACH	413mm	
F	HEAD TUBE LENGTH	150mm	
G	HEAD TUBE ANGLE	68.5°	
H	BOTTOM BRACKET HEIGHT	285mm	
I	BOTTOM BRACKET DROP	69mm	
J	CHAINSTAY LENGTH	495mm	
K	CRANK LENGTH	170mm	
L	WHEELBASE	1198mm	
M	SADDLE HEIGHT (MIN/MAX)	90cm / 105cm (35.4" / 41.3")	
N	STAND OVER HEIGHT	75cm (29.5")	