



ASPIRE VENDOME SPECIFICATIONS

HYBRID / COMMUTER BIKE

FRAMESET

FRAME	Hydroformed 6061 Aluminum Alloy 700 frame with smooth welds. Fender/rack mounts, internal cable routing. Removable integrated battery with security lock.
COLOR	Matte Graphite
FORK	Hydroformed alloy 700C with quick release

DRIVETRAIN

SHIFTERS	SHIMANO SORA 9 Rapidfire Plus
CHAINRINGS	48T
CHAIN	KMC X9 Double X-Durability, nickel plated
REAR DERAILLEUR	SHIMANO SORA 9-speed, black
CASSETTE	SHIMANO 9-speed 11-32T

COMPONENTS

HANDLEBAR	Alloy flat bar, 580mm, 31.8mm dia.
GRIPS	VELO light weight single density (130mm) - black
STEM	Alloy 4 bolt, 70mm, 31.8mm clamp dia.
SEAT POST	Alloy 30.4mm with quick release
SADDLE	VELO for iGO
BRAKE LEVERS	TEKTRO with reach adjustment
BRAKE CALIPERS	TEKTRO hydraulic disc
ROTORS	F160/R160

WHEELS

TIRES	MAXXIS Overdrive Excel 700x32C with Silk Shield puncture protection
RIMS	Alloy P23D 700C - black

ACCESSORIES

INCLUDED	Front BUCHEL Shiny 50 lux LED Light (powered by main battery) Rear BUCHEL Edge LED Light (powered by main battery) Removable Front & Rear Fenders Removable Rear Cargo Rack Integrated Chaining Guard Water Bottle Bosses on Seat Tube & Under Top Tube Kickstand Tool Kit Battery Charger
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NOTES

BIKE WEIGHT	15.6kg (34.4 lbs)
BATTERY WEIGHT	2.1kg (4.6 lbs)
WEIGHT CAPACITY	114 kg (250 lbs)

ELECTRIC TECHNOLOGY

iGO CONNECT	Mobile App (Android and iOS) Customizable profile and performance settings with full diagnostic monitoring and alerts - Bluetooth connectivity
DISPLAY UNIT	TFT Color Backlit, Main Power, Vibration Feedback Buttons, Diagnostic, Battery Status, Light Switch, Pedal Assist Level Selector, Walk Assist Control, Speedometer/Max Speed/Avg Speed, Odometer, Trip Timer
MOTOR	BAFANG 250W geared rear hub drive
TORQUE	up to 45Nm
CONTROLLER	36V high power density sine wave, MOSFET based up to 70 Amp, Bluetooth
BATTERY TYPE	3500mAh SAMSUNG integrated removable lithium battery with security lock
VOLTAGE	36V
BATTERY Ah	10.5Ah
BATTERY CAPACITY	378Wh
RANGE	90km (56mi) *
POWER ASSIST	5 Levels of power assisted pedaling ***
SENSOR	Dual sided 36 pulse Torque Sensor
CLASS	Class1 / Class3 capable where permitted max speed 45km/h (28mph) **
BATTERY CHARGER	36V, 110/220V, 2A

*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 750W(US) or 500W(Canada)

This bike is sold factory configured to CLASS 1 specifications.

User configurable to CLASS 3

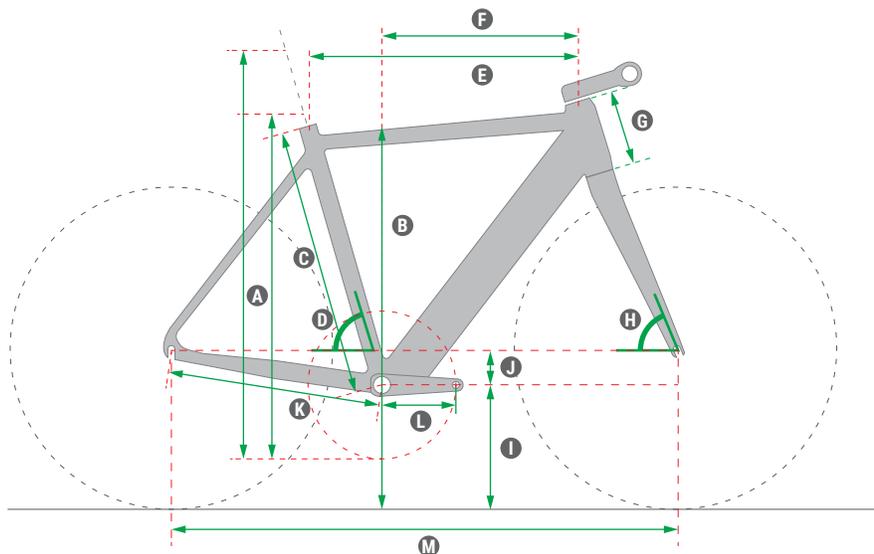
***Multiple rider profiles available. Always check the specific state/provincial laws for use of class 3 electric bikes and only engage Off Road Mode where this is permitted.

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GEOMETRY (in mm unless stated)

FRAME SIZE	s/m - 48cm (19")	m/l - 54cm (21")
A SEAT HEIGHT (MIN/MAX)	72cm / 90cm (28" / 35")	86.9cm / 106.6cm (34" / 42")
B STAND OVER HEIGHT	77.5cm (30.5")	79.5cm (31")
C SEAT TUBE LENGTH	480	540
D SEAT TUBE ANGLE	74°	74°
E EFFECTIVE TOP TUBE LENGTH	535	555
F REACH	390	390
G HEAD TUBE LENGTH	130	150
H HEAD TUBE ANGLE	73°	73°
I BOTTOM BRACKET HEIGHT	280	275
J BOTTOM BRACKET DROP	50	65
K CHAINSTAY LENGTH	420	425
L CRANK LENGTH	170	170
M WHEELBASE	1005	1015



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