



## CORE Elite II SPECIFICATIONS

STEP THROUGH BIKE

### FRAMESET

FRAME	New design for increased rigidity with iGO Electronics Access Port for unprecedented serviceability, internal cable routing, removable battery
COLOR	Matte Grey/Silver
FORK	SUNTOUR NEX Suspension

### DRIVETRAIN

SHIFTERS	SHIMANO rapidfire 8-speed shifter
CHAINRINGS	42T
CHAIN	KMC Z8 EPT, Anti Rust, EcoProTeQ coated
REAR DERAILLEUR	SHIMANO Altus 8-speed
CASSETTE	SHIMANO HG41, 8-speed, 11-34T

### COMPONENTS

HANDLEBAR	Alloy Ergofit Touring Bar
STEM	PROMAX toolless adjustable theadless
SEAT POST	Alloy Seat Post
SADDLE	iGO Comfort Suspension - Black
BRAKE LEVERS	TEKTRO Aries
BRAKE CALIPERS	TEKTRO Aries Mechanical Disc
ROTORS	180mm

### WHEELS

TIRES	SCHWALBE Energizer Plus 700x38C 28"x1.75" ebike specific tires with Greenguard 5 puncture resistance, ADDIX e tech compound and reflective side walls
RIMS	iGO 700C Dual Wall Alloy

### ACCESSORIES

INCLUDED	Front & Rear LED lights (powered by main battery) Front & Rear Fenders Front & Rear Cargo Rack Rear Bungee Straps Chain Guard Water Bottle Boss on Seat Tube Kickstand Tool Kit
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### ELECTRIC TECHNOLOGY

DISPLAY UNIT	LCD Backlit, Diagnostic, Battery Status, Light Switch, Main Power, Power-assist Mode Selector, Speedometer, Odometer, Trip Timer
MOTOR	500W Geared Brushless Hi Torque rear hub motor
TORQUE	up to 48Nm
CONTROLLER	48V, 22A, 9 mosfet
BATTERY TYPE	18650 Lithium-Ion Battery
VOLTAGE	48V
BATTERY Ah	13Ah
BATTERY CAPACITY	624Wh
RANGE	80km (50mi) *
POWER ASSIST	9 Levels of power assisted pedalling
THROTTLE	Any time on demand thumb throttle
SENSOR	Cadence Sensing
CLASS	Class 2 **
BATTERY CHARGER	110/220V Smart charger, LED status ,UL, 2A

### NOTES

FRAME SIZE	ERGOFIT frame accommodates a rider from 5' to over 6'2"
SEAT HEIGHT (MIN/MAX)	80cm / 100cm (31.5" / 39.5")
BIKE WEIGHT	24.2kg (53.3 lbs)
BATTERY WEIGHT	3.9kg (8.7 lbs)
WEIGHT CAPACITY	114 kg (250 lbs)

\*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 2 specifications.



IGO ELECTRIC URBAN/LEISURE

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