



CORE Elite 3D HD SPECIFICATIONS

HYBRIDE ELECTRIC BIKE

FRAMESET

FRAME	Hydroformed 6061 Aluminum hybrid ERGOFIT frame with smooth welds. Fender/rack mounts, internal cable routing, Electronic Access Port. Removable integrated battery with security lock.
COLOR	Race Red/Silver
FORK	SUNTOUR NEX eBike rated suspension with lockout

DRIVETRAIN

SHIFTERS	SHIMANO 8-speed Rapidfire shift
CHAINRINGS	42T with Narrow Wide teeth
CHAIN	KMC X8 EPT
REAR DERAILLEUR	SHIMANO ALTUS 8-speed
CASSETTE	8-speed 11-34T

COMPONENTS

HANDLEBAR	Alloy ERGOFIT riser touring bar
GRIPS	VELO ergonomic grip
STEM	PROMAX toolless adjustable threadless
SEAT POST	Alloy 30.4mm with quick release (350mm)
SADDLE	SELLE ROYAL Nuvola - black
BRAKE LEVERS	TEKTRO HD-E350
BRAKE CALIPERS	TEKTRO hydraulic disc
ROTORS	180mm

WHEELS

TIRES	MAXXIS Overdrive 700x47C, 28"x1.75" with SilkShield bead-to-bead puncture protection, reflective strip
RIMS	IGO 700C dual wall alloy

ACCESSORIES

INCLUDED	Front & Rear LED Lights (powered by main battery) Front Rack Mount for Light Front & Rear Cargo Rack Front & Rear Fenders Rear Bungee Straps Chaining Guard Water Bottle Boss on Seat Tube Kickstand Wellgo Pedals Tool Kit Battery Charger
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ELECTRIC TECHNOLOGY

DISPLAY UNIT	LCD Backlit, Main Power, USB charging Port, Diagnostic, Battery Status, Light Switch, Power-assist Level Selector, Walk Assist Control, Speedometer, Max Speed, Avg Speed, Odometer, Trip Timer
MOTOR	500W geared brushless hi-torque rear hub motor
TORQUE	up to 48Nm
CONTROLLER	48V, 18A
BATTERY TYPE	3000mAh Lithium-Ion removable battery
VOLTAGE	48V
BATTERY Ah	12Ah
BATTERY CAPACITY	576Wh
RANGE	90km (56mi) * on a charge with assistance
POWER ASSIST	9 Levels of power assisted pedaling
THROTTLE	Any time on demand thumb throttle
SENSOR	Electronic 32 pulse Cadence Sensor Integrated into the bottom bracket
CLASS	Class 2 **
BATTERY CHARGER	110/220V Smart charger, LED status, CUL, 2A

NOTES

FRAME SIZE	44.5cm (17.5") ERGOFIT frame accommodates a rider from 5'3" to over 6'2"
SEAT HEIGHT (MIN/MAX)	80cm / 100cm (31.5" / 39.5")
STAND OVER HEIGHT	74cm (29")
BIKE WEIGHT	23.7kg (52.2 lbs)
BATTERY WEIGHT	3.3kg (7.3 lbs)
WEIGHT CAPACITY	100 kg (220 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

CORE
Elite 3D HD

HYBRIDE ELECTRIC BIKE

The Future is Electric®