



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

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®