



CORE eXtreme 3.1 SPECIFICATIONS

FAT TIRE ELECTRIC BIKE

FRAMESET

FRAME Hydroformed 6061 Aluminum low stand over fat bike frame with smooth welds. Balanced geometry & increased rigidity. Fender/rack mounts, internal cable routing, Electronic Access Port. Removable integrated battery with security lock.

COLOR Matte Graphite and Race Red
FORK RST suspension, 75mm travel, with lockout & quick release

DRIVETRAIN

SHIFTERS SHIMANO 8-speed Rapidfire shift
CHAINRINGS Zephyr 38T with Narrow Wide teeth
CHAIN KMC X8 EPT
REAR DERAILLEUR SHIMANO ACERA 8-speed
CASSETTE 8-speed 11-34T

COMPONENTS

HANDLEBAR Riser handlebar, 700mm, 30mm rise, 31.8mm dia.
GRIPS VELO grip
STEM Adjustable threadless with 0 to 60 degree rise
SEAT POST Alloy 30.4mm with quick release (350mm)
SADDLE SELLE ROYAL Viento
BRAKE LEVERS TEKTRO HD-E350
BRAKE CALIPERS TEKTRO hydraulic disc
ROTORS 180mm

WHEELS

TIRES 26"x4.5" KENDA Juggernaut Sport fat tires
RIMS iGO single wall alloy with cutouts

ACCESSORIES

INCLUDED Front & Rear LED Lights (powered by main battery) with Reflectors
Rear Cargo Rack with Increased Capacity, Pannier Ready
Front & Rear Fenders
Water Bottle Bosses
Kickstand (removable)
Wellgo Flat Grip Pedals
In Frame Cable Routing
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 BAFANG 500W geared brushless hi-torque rear hub motor
TORQUE up to 80Nm
CONTROLLER 20A 48V, 12 MOSFET hi-power cut off
BATTERY TYPE 3000mAh Lithium-Ion removable battery
VOLTAGE 48V
BATTERY Ah 12Ah
BATTERY CAPACITY 576Wh
RANGE 55km (34mi) *
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 Class2 **
BATTERY CHARGER 110/220V Smart charger, LED status, CUL, 2A

NOTES

FRAME SIZE 46cm (18")
accommodates a rider from 5'6" to over 6'2"

SEAT HEIGHT (MIN/MAX) 74.5cm / 94cm (29.3" / 37")

STAND OVER HEIGHT 73.6cm (29")

BIKE WEIGHT 30.7kg (67.7 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 FAT

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The Future is Electric[®]