Hybrid 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
- **REAR DERRAILLEUR**: SHIMANO AL-TUS 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**: PROMAX alloy 30.4mm with quick release (350mm)
- **SADDLE**: SELLE ROYAL Nuvola - black
- **BRAKE LEVERS**: TEKTRO ARIES
- **BRAKE CALIPERS**: TEKTRO ARIES mechanical disc
- **ROTORS**: 180mm
- **TIRES**: MAXXIS Re-Volt 700x47C, 28"x1.75" with SilkShield bead-to-bead puncture protection
- **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, Rear Bungee Straps, Chainring 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**: 3200mAh Lithium-Ion removable battery
- **VOLTAGE**: 48V
- **BATTERY Ah**: 12Ah
- **BATTERY CAPACITY**: 576Wh
- **RANGE**: 75km (47mi) *
- **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**: 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**: 23.3kg (52.2 lbs)
- **BATTERY WEIGHT**: 3.3kg (7.3 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 33km/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.

Specifications & pricing subject to change.
CORE
Elite 3D
HYBRIDE ELECTRIC BIKE

The Future is Electric®