

EXPRESS



EXPRESS FEATURES

- Patented Evo-Drive hyper efficient hybrid power with turbo, standard and economy power boost modes
- Lithium-ion deep discharge batteries and power management
- Hill climb ability with high power, range and speed on demand

BASEL FEATURES

- Patented Evo-Drive hyper efficient hybrid power with various power boost modes
- Lithium-ion deep discharge batteries and power management
- Easy step through frame with high power, range and speed on demand

BAJA FEATURES

- Patented Evo-Drive hyper efficient hybrid power with various power boost modes
- Lithium-ion batteries tucked away in the down tube and power management
- Traditional look frame with high power, range and speed on demand



The Express using Currie Evo-Drive™ is designed to amplify your power to that of a professional racer. Various power modes, rider adjustable on the fly, vary the boost and can make conquering hills child's play. The patented planetary/sun transmission dual drive technology reduces power loss while allowing both rider and motor to operate at their optimal levels. Power is applied smoothly and there is no need for throttles or other rider impediments. All the electronic work happens seamlessly behind the scenes so you can concentrate on riding and enjoying the ride.

Quality construction, materials and engineering are used throughout, along with a top flight 27-speed gear train and other highly regarded bicycle parts. You set the pace, and go at the speed you choose. The motor will assist in attaining speeds of 32+ kmh (20+ mph) and distances covered can span 100+ km (62+ miles) on a single battery charge when using the economy power setting and our largest batteries.

All models (Express, Basel, and Baja) in this range are equipped with the unique and patented Dolphin Evo-drive™, developed and designed by Swiss engineers of Dolphin e-Bikes. The revolutionary Express is the top launch model in this partnership. The Express does not ride, handle or perform like grandma's electric bike, and is a real thrill, leveling hills with impunity and leaving all others in the proverbial dust by any measure of speed, range, or power. The technology and concept were race proven in the "Solar Bike Race" held in Australia, where the original version in this series took a resounding gold medal. Since that time it has been proven in everyday use in hilly Switzerland either as an everyday commuter, sportster or as a wunderkind.

It is a true pleasure to ride beyond the bounds of normal human power without breaking a sweat and without the need of specialty clothing, shoes or other 'race' equipment and whatever the conditions and environment.

We recommend the Express as the best possible vehicle for leisure, sport and everyday use. The Express is not just revolutionary as an electric assist bicycle in the general sense, nor is it merely the latest incarnation of a series spanning back to a gold medal winner. It has built upon those credentials, yes, but has a highly advanced BMS (battery management system), massive capacity 18AH lithium-ion batteries, 36V DC drive current, a high power neodymium DC motor for high efficiency, advanced sensors controlling motor output matching to human pedaling input, rider variable power settings, an easily removable power basket for storage safety, easy power interconnects, hookups for lighting and a host of other features evolved over the course of a long period by clever minds – never available before. With its "range extender" settings you can even reach 100 km with one charge.

Coming soon will be more models in this licensed patented technology, to appeal to other demographics, price needs and technology needs. These will include the Basel with an easy step over design and the Baja for those who want the experience but don't need the ultimate speed, range or power.

EXPRESS SPECS

MOTOR

750W of power from a Hi-Torque DC Neodymium Magnet Motor

BATTERY

HYB Lithium-Ion Cells

In Power Basket w/power management management

36V / 18AH Pack

Rechargeable Cells, charger on board

CHARGE SYSTEM

UL Listed Li-ion Smart Charger with LED status display

CONTROLLER

Exclusive Currie Evo-Drive© 36V fully potted with Power Gauge function

TOP SPEED

Up to 20+ mph / 32+ km/h (rider weight contingent) in turbo mode

RANGE

Turbo mode: 31 miles / 50 km, Standard: 50+ miles / 80+ km, Economy: 62+ miles /100+ km (rider weight contingent)

DRIVE

Exclusive Currie Motor and Dolphin Proprietary Planetary Drive combined w/SRAM RD-X.7, SL-X.7, Power Glide 950 11-32T 9-speed, Shimano FD-M739-E, 27-speed drivetrain

BRAKES

Avid BB7 disc front and Single Digit 5 rear, FR5 levers

WHEELS

Veronique 26" x 1.5" 5 A-Type double wall 6061 Alloy rims with stainless steel spokes

TIRES

Currie E-Street 26 x 1.5"

HANDLEBAR / STEM

Alloy Forged Stem and Street Bars with Dual Density Grips

FORKS

RST Capa, 76m travel, fender eyelets

USER CONTROLS

Battery gauge, Power On/Off Switch, power mode switch, charger plug and reel

SADDLE

VL-3126 B5 black, w/o clamp, CP steel rails; micro-adjust post

FRAME

Exclusive Currie IQ Series 6061 Aluminum Alloy, fender and rack mounts, bottle bosses

CRANK AND PEDALS

Shimano 44/32/22T with chain guard and torque sensor function; alloy non-slip VP-608 pedals

NET WEIGHT

60 lbs / 27 kg w/18AH batteries;
53 lb / 24 kg w/12AH pack

BASEL SPECS

MOTOR

600W of power from a Hi-Torque DC Neodymium Magnet Motor

BATTERY

HYB Lithium-Ion Cells

In Power Basket w/power management

24V / 18AH Pack

Rechargeable Cells, charger on board

CHARGE SYSTEM

UL Listed Li-ion Smart Charger with LED status display

CONTROLLER

Exclusive Currie Evo-Drive© 24 Volt fully potted with Power Gauge function

TOP SPEED

20+ mph / 32+ km/h (rider weight contingent) in turbo mode

RANGE

Turbo mode: 31 miles / 50 km, Economy: 50+ miles / 80+ km

DRIVE

Exclusive Currie Motor and Dolphin Proprietary Planetary Drive combined w/SRAM RD-X.7, FD-X.7 low mount, SL-X.7, PowerGlide 950 11-32T 9-speed, 27-speed drivetrain

BRAKES

Avid BB5 disc front and Tektro TX-117 linear pull rear, Promax XL-57 levers

WHEELS

Veronique 26" x 1.5" 5 A-Type double wall 6061 Alloy rims with stainless steel spokes

TIRES

Currie E-Street 26 x 1.5"

HANDLEBAR / STEM

Alloy Forged Stem and Street Bars with Dual Density Grips

FORKS

RST Capa, 76m travel, fender eyelets

USER CONTROLS

Battery gauge, Power On/Off Switch, power mode switch, charger plug and reel

SADDLE

VL-3126 B5 black, w/o clamp, CP steel rails; micro-adjust suspension post

FRAME

Exclusive Currie IQ Series 6061 Aluminum Alloy, fender and rack mounts, bottle bosses

CRANK AND PEDALS

Alloy 46/34/24T with chain guard w/torque sensor function; alloy non-slip VP-608 pedals

NET WEIGHT

60 lbs / 27 kg w/18AH batteries; 53 lb / 24 kg w/12AH pack

BAJA SPECS

MOTOR

500W of Power from a DC Earth Magnet Motor

BATTERY

Phylion Lithium-Ion Cells

In Down Tube w/power management

24V / 10AH Pack

Rechargeable Cells, charger on board

CHARGE SYSTEM

UL Listed Li-ion Smart Charger with LED status display

CONTROLLER

Exclusive Currie Evo-Drive© 24 Volt fully potted with Power Gauge function

TOP SPEED

Up to 20+ mph / 32+ km/h (rider weight contingent) in standard mode

RANGE

Standard: 19 miles / 30 km, Economy: 28+ miles / 45+ km (rider weight contingent)

DRIVE

Exclusive Currie Motor and Dolphin Proprietary Planetary Drive combined / SRAM RD-X.7, FD-X.3, SL-XGEN, PowerGlide 830 11-30, 24-speed drivetrain

BRAKES

Winzip disc front and Tektro TX-117 linear pull rear, Promax XL-57 levers

WHEELS

Veronique 700 x 25 A-Type double wall 6061 Alloy rims with stainless steel spokes

TIRES

Currie E-Street 700 x 35

HANDLEBAR / STEM

Alloy Forged Stem and Street Bars with Dual Density Grips

FORKS

RST TR-Pro T8-6, 60mm travel, fender eyelets

USER CONTROLS

Battery gauge, Power On/O Switch, power mode switch, charger plug and reel

SADDLE

VL-3126 B5 black, w/o clamp, CP steel rails; micro-adjust suspension post

FRAME

Exclusive Currie IQ Series 6061 Aluminum Alloy, fender and rack mounts, bottle bosses

CRANK AND PEDALS

Alloy 48/38/28T crankset w/cartridge BB and chain guard, w/torque sensor function; alloy non-slip VP-608 pedals

NET WEIGHT

44 lbs / 20 kg (w/10AH batteries)