

## COMPANY STORY

Surface604 was founded in beautiful and clean Vancouver, British Columbia, and named after the area code of our beloved city. We love our unique province, a place where you can visit a beach with palm trees, then head up to a snow covered mountain, then to beautiful forest trails, all within close proximity. We wanted to create a vehicle that would allow us to explore all that it offers, while at the same time preserving the environment for us and for future generations to enjoy.

We dared to engineer this awe-inspiring bike frame and wide-grip tires, with a sleek lithium-ion power source at the back with a built-in taillight. The results were truly exciting. We created a bold design, coupled with function, and united by environmental sustainability.

We are proud to follow in the footsteps of inspiring Vancouver based brands that have set the benchmark for social responsibility and environmental initiatives. Lush Cosmetics, Happy Planet Foods and Lululemon Athletica, just to mention a few.

**Dare to know no boundaries  
with Surface604.**



## PRODUCT STORY

Our goal was to create a rugged all-terrain cruiser that lets you know no boundaries. From improved traction on dirt to flotation when riding through snow, the wide-grip tires let a bike roll where it has not rolled before. The wideness of the four inch tire, twice as wide as most mountain bike tire treads, adds superior grip on the ground, and the extra surface area does not allow the tire to sink into soft surfaces like snow or sand.

This is a revolution in biking, and it's happening now. Take the bike up to Whistler in the winter, or explore uncharted beach stretches up the coast in Tofino, or even ride it to work every day in our newly designed bike lanes.

The drivetrain combines a 350-watt (800w peak) brush-less rear hub motor wrapped in a super light aluminum alloy 6061 custom built frame. It gives you a powerful performance boost when needed to go up the steepest hill, or to get out of two feet of snow or that soft beach sand.

The portable, rear rack-mounted, 36-volt lithium-ion battery, offers enough power for 20 miles (32 km) of range and 20 mph (32km/h) of speed output. The pedal-assist motor can be adjusted at the push of a button or simply use the twist throttle. One can also pedal the bike without any power assistance, and it has a six-speed Shimano gear system. The 8.5-lb (3.9-kg) battery, which takes about six to eight hours to fully charge, can be removed completely to create a lighter set-up or for in-house charging/storing.



# ALL TERRAIN BIKE WIDEGRIP EDITION

**SURFACE**  
KNOW NO BOUNDARIES **604**





## element NON-ELECTRIC

# Specifications

**Suitable Terrain: All Terrain: Snow, Sand, Grass, Road, Slush, Dirt, Ice**

### FRAME:

- **Colours:** Matte Black, Matte Orange, Matte Blue
- **Frame Size:** 47cm (With Rack: 57cm)
- **Frame Material:** Aluminum Alloy 6061
- **Fork:** Aluminum Alloy 6061
- **Rear Rack:** Aluminum Alloy 6061
- **Rear Rack Dimensions:** Length: 22 inches (558.8mm) / Width: 7 inches (177.8mm)
- **Kickstand:** Aluminum Alloy
- **Maximum Weight Capacity:** 350 lbs
- **Appropriate Rider Height:** 4'8" - 6'4"

### DRIVETRAIN:

- **Drive Train Type:** Chain
- **Number of Speeds:** 6
- **Crankset:** Forged alloy 42T crank with outer guard
- **Crank Length:** 6.69 inches (170 mm)
- **Chainguard:** Plastic 7.5 inches (190.5mm)
- **Bottom Bracket:** External BB
- **Shifter Type:** SHIMANO Revo Shift Grip Shifter
- **Front Derailleur:** SHIMANO Tourney
- **Derailleur Guard:** Rear Metal Derailleur Guard
- **Freewheel/Cassette:** Shimano MF-TZ20 Tourney Freewheel 6 Speed 14-28T
- **Chain:** E70 6-Speed 130 Links

- **Brakeset:** JAK SuperBrake Disk Brake with 152.4 mm rotor
- **Brake Lever Material:** Metal KARASAWA Lever
- **Handlebar:** Aluminum Alloy 6061
- **Adjustable Handle Bar:** Yes
- **Pedals:** EXUSTAR Hard Plastic/Rubber Foldable Pedals

### WHEELS/TIRES:

- **Suitable Terrain:** All Terrain tire, snow, sand, road, slush etc
- **Tire Type:** Extra wide (Fat tire) 26x4.0 inch tires, spider pattern
- **Tire Material:** Rubber
- **Size of Front Wheel(s):** 26 x 4.0"

- **Size of Rear Wheel(s):** 26 x 4.0"
- **Rims:** 22 inch Alloy Rims (558.8 mm) with 36 Spokes
- **Spokes/Nipples:** Stainless Steel 36 Spokes-width Steel Nipples

### COMPONENTS:

- **Grips:** Plastic 4.5 inches (114.3 mm)
- **Stem:** Alloy 5" (127 mm)
- **Seat Post:** Aluminum Alloy - Expandable to 13 inches (330.2 mm)
- **Saddle/Seat:** Padded Spring Seat
- **Adjustable Seat/Saddle:** Horizontally Adjustable to 3 inches (76.2 mm)

- **Headset:** 1-1/8" Threadless Black Steel

### DIMENSIONS:

- **Overall:** 72" x 25" x 44" (1828.80 mm x 635 mm x 1117.6 mm)
- **Width Frame:** 50.8mm / Fork :203.2mm / Rack : 190.5mm
- **Height Frame Only:** 660.4mm / With Tires: 1016mm
- **Depth Frame Only:** 1143mm / With Tires: 1651mm
- **Width (inches) Frame:** 2 inches / Fork: 8 inches / Rack: 7.5 inches

- **Height (Inches) Frame Only:** 26 inches / With Tires: 40 inches
- **Depth (Inches) Frame Only:** 45 inches / With Tires: 65 inches
- **Assembly Required:** None, fully assembled, readjusted seat and handle bar only.
- **Required for Adjusting:** Allen Key; Wrench 15mm
- **Warranty Parts:** 1 year

For more information about our products, please call the Surface604 customer service centre at 1-844-FAT-BIKE



## element ELECTRIC

# Specifications

**Suitable Terrain: All Terrain: Snow, Sand, Grass, Road, Slush, Dirt, Ice**

### PERFORMANCE:

- **Suitable Terrain:** All Terrain: Snow, Sand, Grass, Road, Slush, Dirt, Ice
- **Motor:** 350W Continuous (800w Peak), Brushless, Hub Motor
- **Electric modes:** PAS, Twist Grip, Pedaling
- **Battery:** 36V12AH Lithium Ion battery, removable, dust and water proof, with stop light.
- **Wire Couplings:** High-grade Metal Wire Couplings
- **Run Distance:** 30-35km (20-22 Miles)\*
- **Top Speed:** 32 km/h (20 mph)
- **Time to Charge:** 6-8 Hours

- **Gauges:** LCD Display showing top speed, 3 modes of power low, medium and high.

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- **Headset:** 1-1/8" Threadless Black Steel
- **Digital Display:** Power, battery, KM/H
- **Additional Accessories:** Bell, Electric Power Mode: 3 Speeds

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- **UL Certified Charger:** Included
- **Assembly Required:** None, fully assembled, readjusted seat and handle bar only.
- **Required for Adjusting:** Allen Key; Wrench 15mm
- **Warranty Parts:** 1 year

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\*The travel distance with a fully charged battery depends on the load of vehicle, personal driving habits, road condition and driving environment, such as start times, stop and go frequency, load, gradient of hill, road surface condition, wind force, wind speed, air temperature, battery charging status, battery performance, tire pressure, lights, power up, vehicle speed, etc. all the above will influence the travel distance.