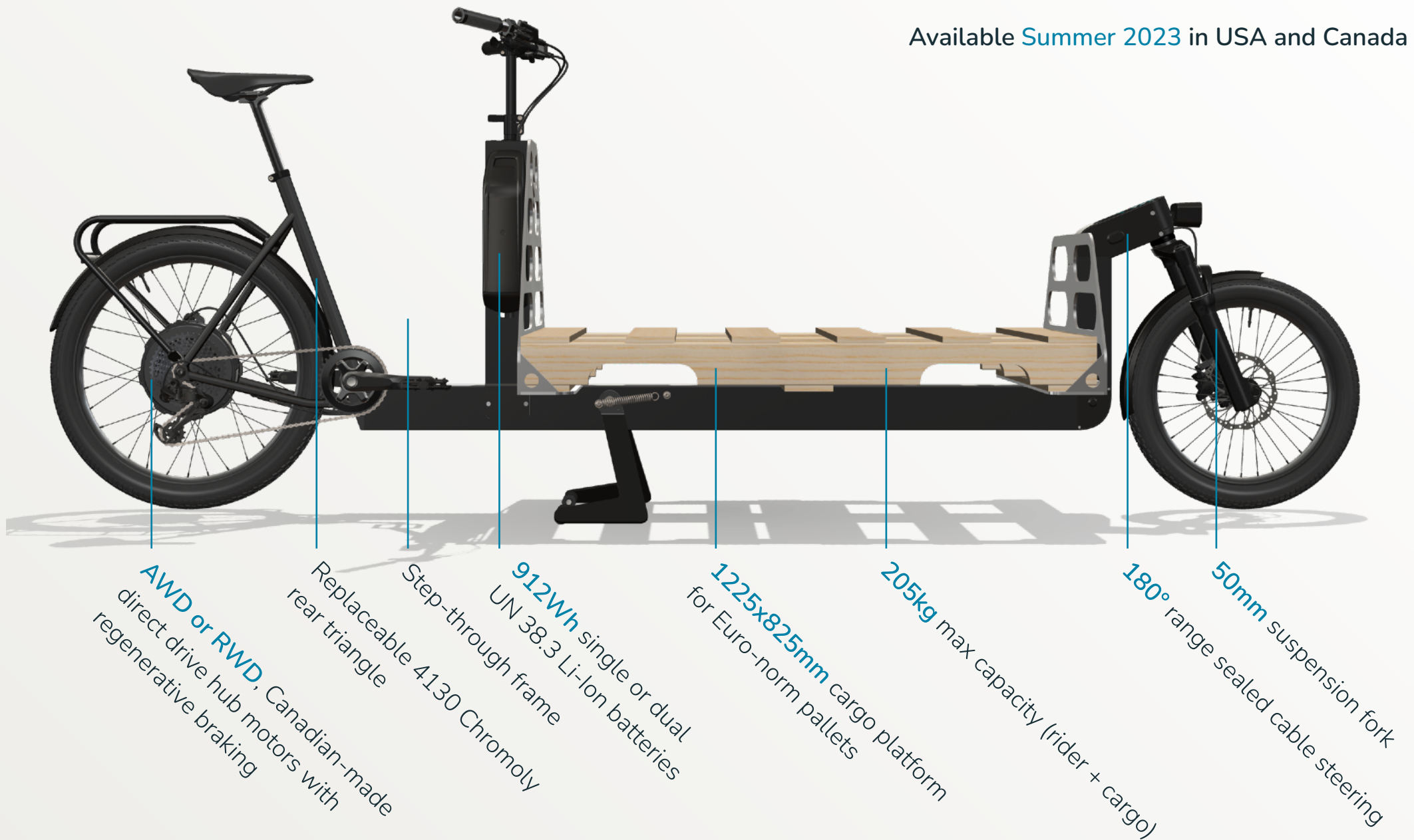




Available **Summer 2023** in USA and Canada



AWD or RWD, Canadian-made direct drive hub motors with regenerative braking

Replaceable rear triangle

Step-through frame

912Wh single or dual UN 38.3 Li-Ion batteries

1225x825mm cargo platform for Euro-norm pallets

205kg max capacity (rider + cargo)

180° range sealed cable steering

50mm suspension fork

The **Sartée** PICKUP is a fully customizable commercial delivery platform, available in a variety of lengths, drivetrain and battery configurations.

Welded, fully assembled and tested in Canada with components sourced globally, each bike is made to order to meet customer specifications.

The **only** front loading cargo bike on the market with:

- **Throttle** and pedal assist hybrid control
- Cargo bay capable of carrying a **full size or Euro pallet**
- **Regenerative braking** with proportional control, limiting brake pad wear and extending overall range
- **All-wheel drive** option for incredible hill-climbing performance
- Weld-free front frame, **made in Canada**, facilitating on-site maintenance and reducing fleet down-time

Quick Specs

Cargo Volume	730 liters	44,523 in ³
Max. Payload (Rider + Cargo)	205 kg	452 lbs
Overall Length	2,950 mm	116.1 in
Overall Width	825 mm	32.5 in
Overall Height	890 mm	35 in
Top Speed (450lb load)	32 kph	20 mph
Range (20mph, 50% load)	64 km	39 mi
Max. Grade (20mph, 450lb)	3.5%	
Single Battery Capacity	912 Wh @ 48V	

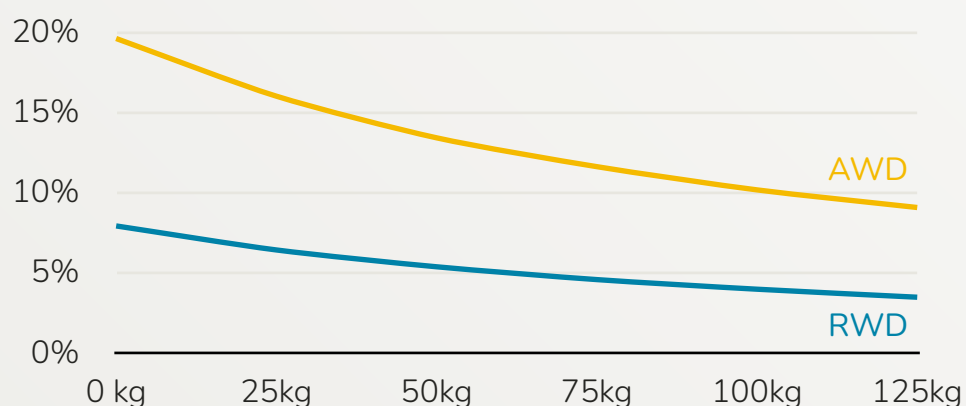




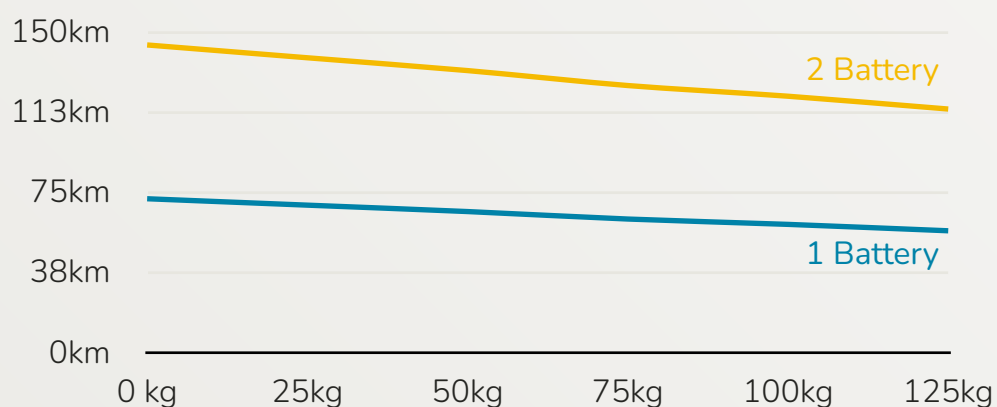
Performance

	Single Motor (RWD)	Dual Motor (AWD)
Max. Torque Output	66 Nm	132 Nm
Max. Thrust Output	48 lbs	104 lbs
Battery Capacity	912 Wh @48V, 19Ah	1824 Wh @48V, 38Ah
Charging Time ² (0-85%)	4 hours	
Peak Motor Output ¹	1225 W	2389 W
Peak Motor Efficiency (@45kph/28mph)	86%	

Max Grade v. Cargo Load ²



Range v. Cargo Load ³



1. Temporary motor output during heavy acceleration or hill climbing, can be restricted to meet local regulations
2. 80kg rider weight, 32kph (20mph) average speed, not including rider pedal input

Component Specifications

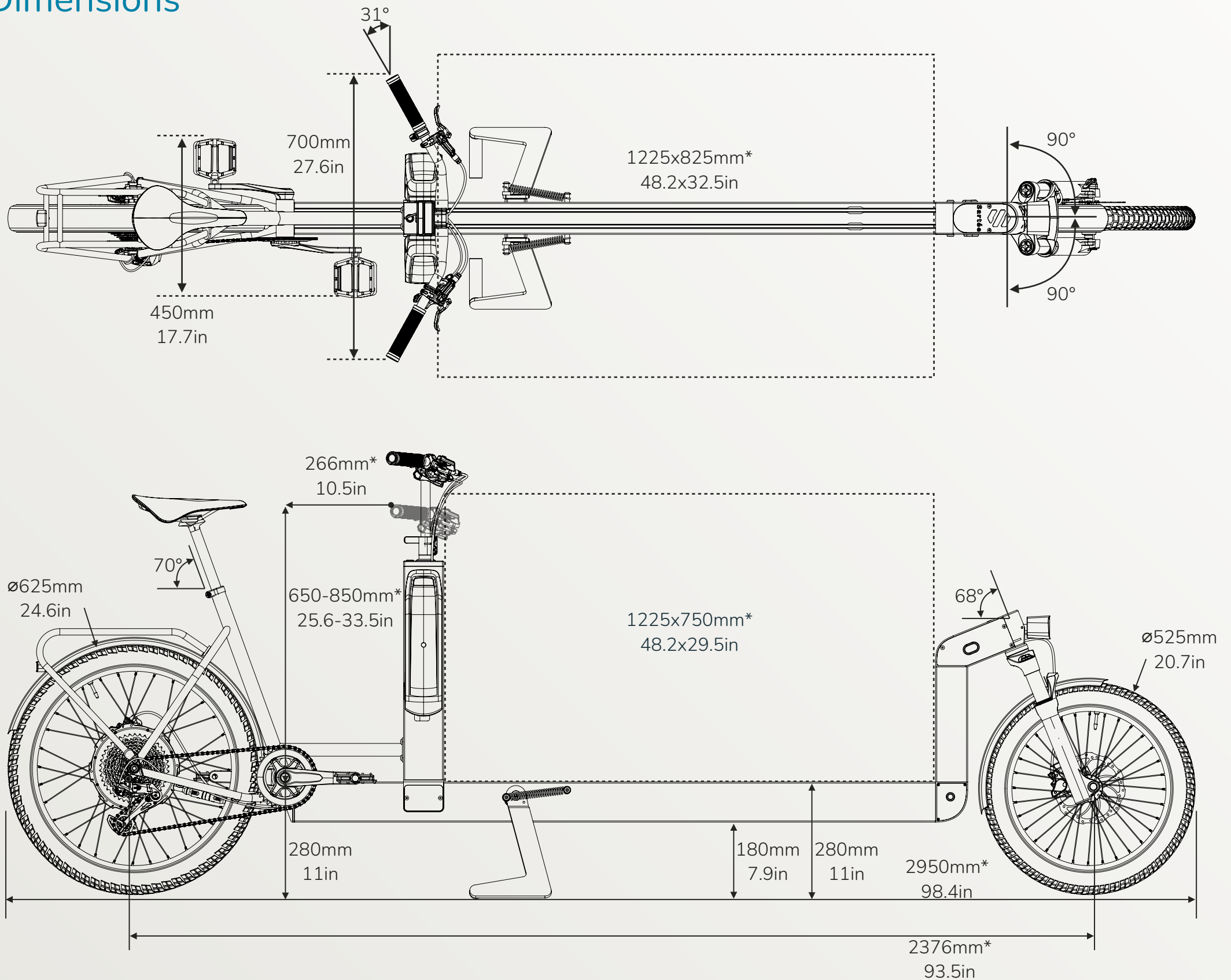
Front Frame	6061-T6 anodized aluminum frame with modular accessory mounting rail system
Rear Triangle	4130 Chromoly steel, welded and powdercoated in Montreal, Canada
Cargo Deck (optional)	1200x800mm Euro-norm pallet platform or 730L cargo box (custom available)
Motor	GRIN Technologies direct drive hub motor with integrated PAS, made in Canada
Motor Controller	GRIN Technologies 36-52V Baserunner FOC controller, made in Canada
Battery	912 Wh @ 48V, Panasonic 21700 cells in 13S4P configuration, 40A continuous discharge BMS, UN 38.3 certified for air shipping (2-battery option available)
Suspension Fork	Suntour A32 Cargo 20" 50mm coil suspension fork with 100x15mm through axle
Drivetrain	Microshift Advent 9sp 11-42T cassette with 38T narrow-wide chainring
Brakes	Tektro HD-E540 hydraulic callipers with 180mm rotors and regen brake switch
Tires	Schwalbe Pickup E-Cargo tires, 20"x2.35" (front) and 24"x2.35" (rear)
Saddle, Grips, Pedals	Velo plush foam saddle, Velo cork grips, Scada wide-platform MTB pedals
Steering Linkage	Pat. pending 180° cable and pulley steering with quick-adjust tensioning mech.



Weights and Capacities

Maximum Payload (Rider and Cargo)	205 kg	452 lbs
Maximum Cargo Volume	720 liters	43,937 in ³
Base Weight (RWD)	35 kg	77 lbs
Battery Weight	5 kg	11 lbs
Usable Length of Cargo Area	1,200 mm	47.2 in
Usable Width of Cargo Area	800 mm	31.5 in
Usable Height of Cargo Area	750 mm	29.5 in
Minimum Turning Radius	2,375 mm	93.5 in

Dimensions



* Length and height is customizable based on user needs