

RADBURRO

THE BUILT-FOR-BUSINESS ETRIKE



RAD POWER BIKES

BUSINESS NEEDED IT. RAD BUILT IT.

Introducing the 2018 Rad Power Bikes RadBurro.
The most powerful, most affordable ecargo solution on the market.

3 WHEELS, 750W
THE CAPACITY TO TRANSFORM LAST MILE LOGISTICS.



LOGISTICS

The world of logistics is changing fast and the needs of the industry are changing more rapidly than ever. These changes present opportunities, but only to those nimble and adventurous enough to respond with new solutions.

These challenges include:

- The increase of urban congestion which negatively impacts delivery timelines and increases waste, especially with regards to “last mile” logistics.
- Increasing fuels costs.
- Lack of parking in urban environments and the resulting parking tickets.
- Rising consumer expectations regarding acceptable delivery timelines.
- Increasing pressure from C-suite and customers alike to improve sustainability, lower environmental impact, and reduce carbon footprints.



CONFIGURATIONS

FLAT BED

Easy to load and versatile, the flat bed attachment is great for Euro-sized pallets and includes hooks for securing loads with straps. The flat bed features a 3/16" thick diamond-plated bed surface that is strong and resilient for frequent loading/unloading.

Dimensions

35" x 47"

Euro-pallet compatible

Built For

Oversized or oddly-shaped cargo

Forklift/pallet loading



TRUCK BED

Ideal for loose items like sand and gravel, the truck bed has an included tailgate to make loading and unloading easy, as well as steel corner tubes that accept drop-in canopy frame tubes. The truck bed features a 3/16" thick diamond-plated bed surface that is strong and resilient for frequent loading/unloading.

Dimensions

35" x 47" x 12"

Euro-pallet compatible

Built For

Transporting boxed goods

Hauling dirt, rocks, soil, or sod

Forklift/pallet loading



CONFIGURATIONS

CARGO BOX

Great for keeping items hot or cold, the locking, insulated cargo box can be outfitted with either heating or cooling add-ons. The cargo box features two locking doors (one side door and one rear door), providing convenient access to your items when you need them.

Dimensions

36" x 45" x 51"

48 cu/ft of cargo capacity

Euro-pallet compatible

Built For

Transporting anything you need to keep hot, cold, dry, or secure



VALUE PROPOSITION

By adopting cutting-edge ecargo solutions, forward-thinking logistics companies can:

- Increase efficiency & productivity of logistics processes.
- Improve company image.
- Reduce emissions and energy consumption.
- Reduce costs.
- Improve corporate social responsibility.
- Grow market by providing services in previously inaccessible areas.
- Achieve greater visibility of their company and their products/services among customers in the local environment.
- Increase service quality, flexibility, and accessibility.

Achieve all of these results with the RadBurro, your enterprise-ready mobility and logistics solution. Featuring 700 lbs of cargo capacity and an estimated 40-80 mile range per charge, the RadBurro offers best-in-class capacity, durability, and battery life.



TOTAL COST OVERVIEW

	RadBurro	Cargo Van
Tangible Costs		
Purchase Cost	\$5,499.00 <small>*Final price will vary depending on configuration</small>	\$25,000.00
Running Costs (annually)		
Maintenance	\$125.00	\$1,000.00
Fuel	\$0.00	\$1,375.00
Licensing	\$0.00	\$450.00
Insurance <small>(varies by fleet size & market)</small>	\$1,500.00	\$5,000.00
<i>Total Annual Costs</i>	<i>\$1,625.00</i>	<i>\$7,825.00</i>
<i>Total Cost of Ownership <small>(assuming 5 yr period)</small></i>	<i>\$13,625.00</i>	<i>\$64,125.00</i>
Intangible Costs		
Emissions Contribution	0	1,000gm/mi <small>(11-13 tons annually)</small>
Congestion Contribution	Minimal	Major contributor to urban congestion
Average Speed in City	10-12 mph, continuous	5-15 mph, start/stop basis
Parking Issues	None	Decreasing parking availability Increasing risk of parking tickets
Flexibility	Access to pedestrian zones and bike paths	Restricted to road network
Range (estimated)	40-80+ miles per charge	Unlimited
Contribution to Driver Health	Positive - daily exercise	Negative - largely sedentary

*All costs are estimates

TECHNICAL SPECS

ELECTRONICS

BATTERY	48V 52.5Ah (2.52kWh) with Lithium NCA 18650 Samsung 35E Cells
CHARGER	1,400W 20 Amp Smart Charger, Operates On Both 110V and 230V Power Outlets
CONTROLLER	48V, 750W
DISPLAY	Rad Power Bikes Proprietary Color LCD
MOTOR	750W
LIGHTS	300 Lumen LED Headlight with Horn, Integrated Brake Lights and Turn Signals
PEDAL ASSIST	Intelligent 5 Level Pedal Assist with 12 Magnet Cadence Sensor
THROTTLE	Twist Throttle with On/Off Button
WIRING	Water Resistant Connectors and Wiring Harness
USB PORTS	Display: 5V, .5 Amp

TRIKE COMPONENTS

BRAKE LEVERS	Parking Brake Lockout Levers with Motor Cutoff Switch
BRAKES	CFX Floating Hydraulic Motorcycle Brakes, 7" Rotors
CASSETTE	7-Speed Shimano Freewheel, 14-28 Tooth
CRANKSET	42 Tooth ProWheel Pioneer Aluminum Alloy Crankset, Dual Chainring Guard
DERAILLEUR	7-Speed Shimano Altus
FORK	Triple Crown Motorcycle Fork with Integrated Stem and Hydraulic Disk Brake Mount
FRAME	Steel, Mid-Step
SADDLE	Velo Plush
SHIFT LEVER	Shimano SL-TX50-7R Thumb Shifter
SPOKES	Motorcycle 10 Gauge Sliver Stainless Steel Spokes
TIRES	Motorcycle Kenda DOT 7YXW 2.5" x 17" 38P

Weight Capacity

700 lbs

Top Speed

20 mph

Estimated Range

40-80+ Miles per Charge

CONCLUSION

Moving freight isn't easy, especially in urban and high-traffic environments. Urban gridlock, pollution concerns, and parking availability all conspire to make last mile logistics the greatest hurdle in many businesses' supply chains. The RadBurro is purpose built to meet the demands of business, addressing many of the logistics industry's most pressing issues by enhancing operational efficiency, improving fulfillment and delivery timelines, and reducing the cost and waste associated with traditional fulfillment methods.

Please visit us on the web to learn more about the 2018 RadBurro and contact us to discuss how we can help improve mobility and sustainability in your last mile operations.

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USE SAFETY
EQUIPMENT
AND PROTECTIVE
GEAR

STOP
WATCH FOR
PEDESTRIANS



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