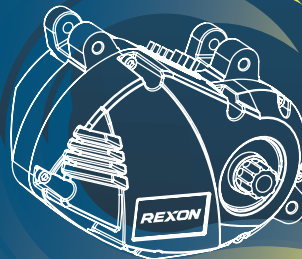


REXON®



Mid-Drive Motor
E-Cargo Trike 1.0 / 2.0



REXON[®]
Full Power
Mid-Drive Motor

A⁺ Industrial Innovative R&D Program

REXON®

acer
Mobile Power System

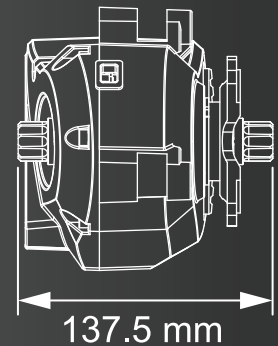
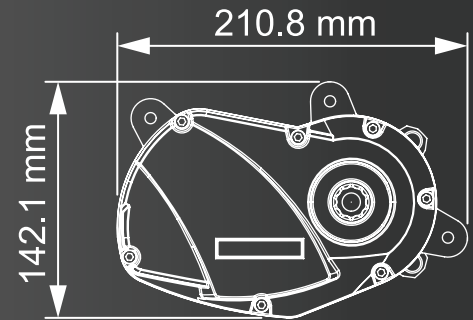
ATrack
Connecting the Future

CC IDEAL
IDEAL BIKE CORPORATION

A⁺ Enterprise Innovation
Innovation and Refinement

A⁺

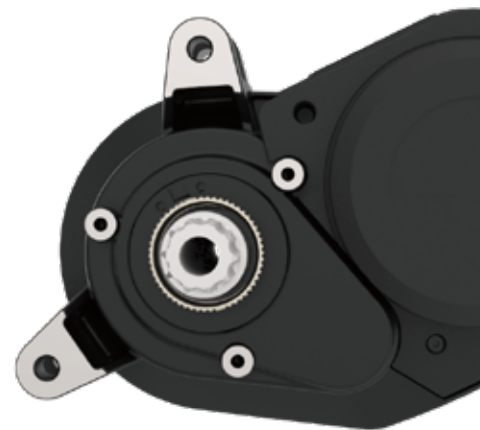
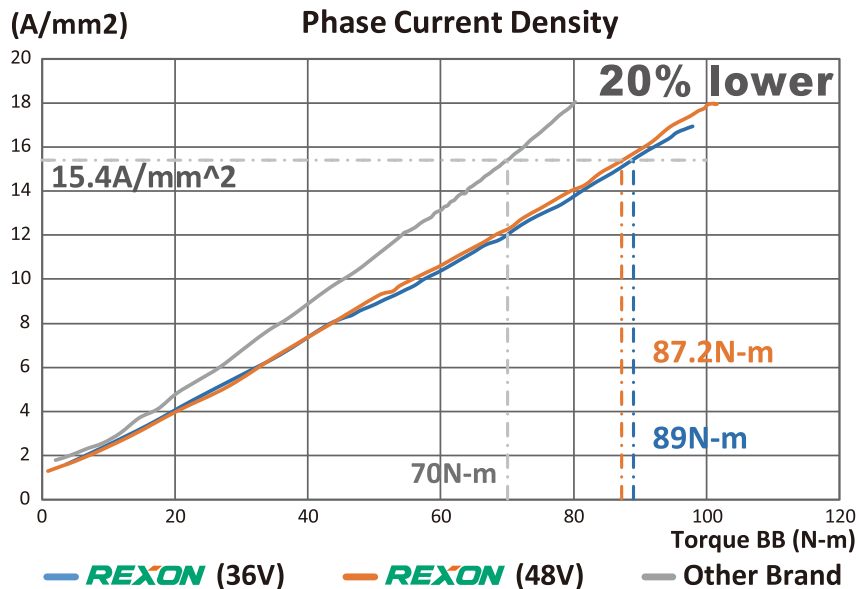
High Efficiency and Low Temperature Rise



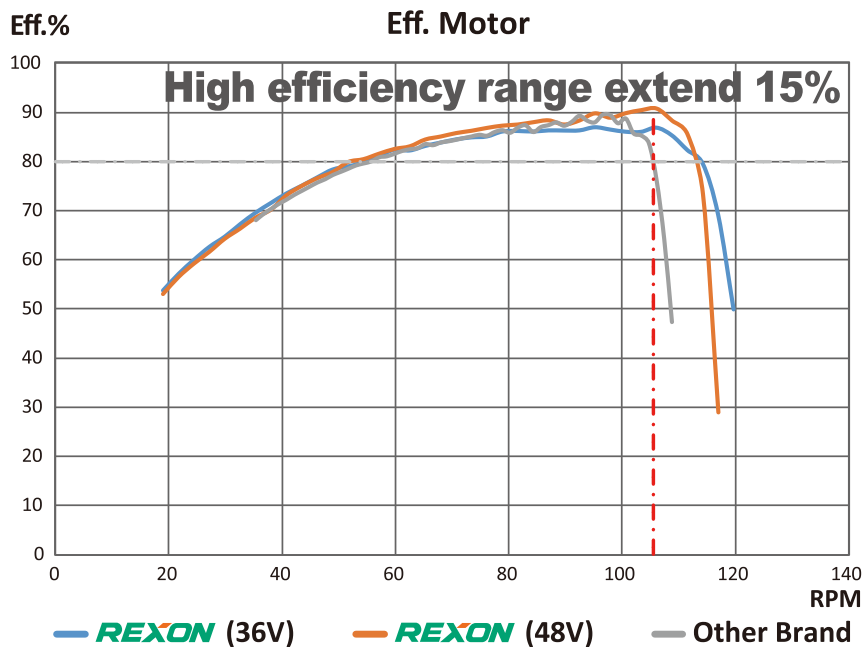
MR0901MP | Mid-Drive Motor

Rated Voltage	36V / 48V
Maximum Torque	90 N.m
Rated Power	250W
Efficiency	$\geq 80\%$
Weight	2.9 Kg.
Material	Al-Mg alloy
IP Rating	IP55
Crank Interface	ISIS
Q-Factor	191.5 mm
Protocol	UART / CAN BUS

Lower 20% of current density in our mid-drive motor for performing high efficiency motor performance requirement



Extend 15% high efficiency range in our mid-drive motor performance



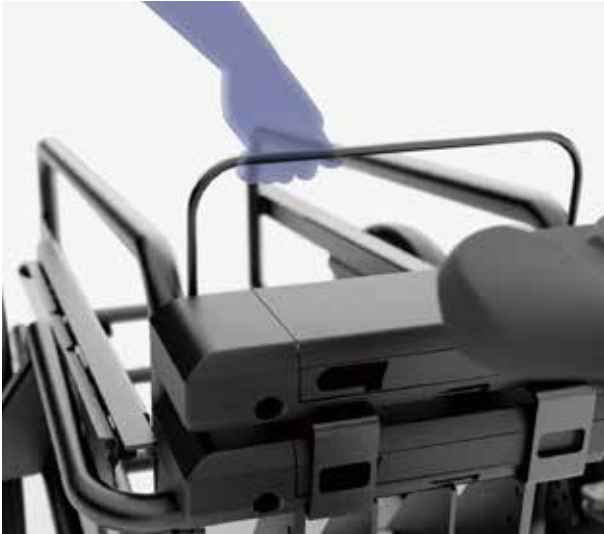


REXON[®]
Detachable Trike

CB2201RX | Detachable Trike

Dimensions	L x W x H cm	Drive Unit	MPS x Rexion Mid-Drive Motor
Bike	243 x 98 x 107		25km/h / 90Nm / 48V / 250W
Trolley	95 x 53	Battery	MPS 690 Wh or 1380 Wh
Trolley Design	Customize		(with Dual Battery option)
Frame Material	Aluminum	Tires	Front : 24" / Rear : 20"
Bike Weight	63 Kg.	Production	Taiwan / Vietnam
Maximum Load	300 Kg.	Patent Pending	





Detachable Trolley System

Easily attach/detach the trolley with a pull handle.

- Reduce the time of goods loading / unloading.
- To increase the transportation turnover rate.
- Make your work easier and more efficient.



Customize Trolley

Advantages:

The trolley can be customized to suit various goods and delivery needs. Even in different delivery situations, simply swap the trolley and go!

No need to worry about delivery schedules being affected by essential maintenance.





Powerful Motor

Rexon 90Nm Mid Drive Motor

- 500W Full Power
- 48V 690Wh Battery

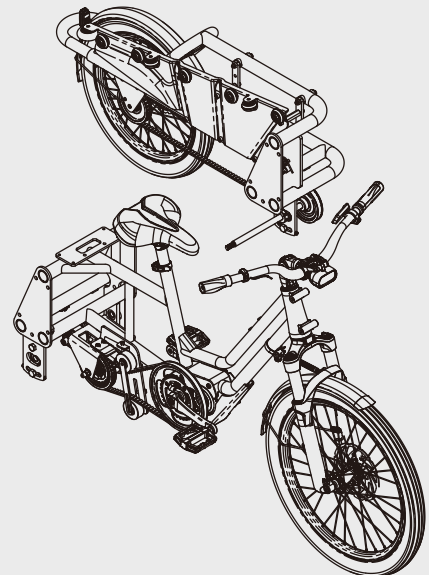
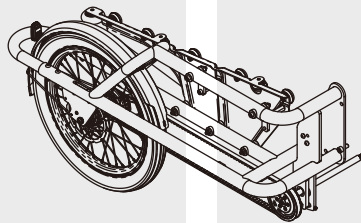
Powerful motor enables logistics providers to overcome various road conditions.





Flat Package Design

- Featuring a detachable design, allowing the entire vehicle to be flat packed in two separate parts.
- Reducing the transportation costs and carbon footprint.



Hestia
Balancing Trike



CB2302RX | Balancing Trike

Dimensions	L x W x H cm	Drive Unit	MPS x Rexion Mid-Drive Motor
Bike	196 x 89 x 110		25km/h / 90Nm / 48V / 250W
Box Mounting Base	74 x 55	Battery	MPS 690 Wh or 1380 Wh
Cargo Box Design	Customize		(with Dual Battery option)
Frame Material	Aluminum	Tires	Front : 20" / Rear : 26"
Bike Weight	39 Kg.	Production	Taiwan / Vietnam
Maximum Load	250 Kg.	Patent Pending	





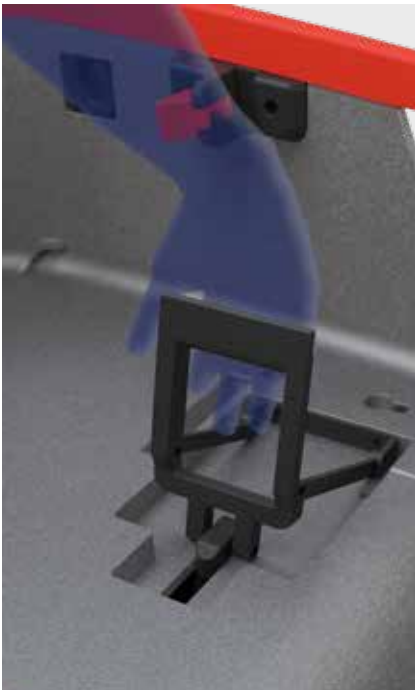
H.S. Structure | H=Horizontal, S=Stablization

The H.S. Structure is a cargo box balancing system that keeps the box level when the bike body tilts. It effectively reduces instability and shaking during cornering, ensuring children feel secure while providing a safer and more comfortable riding experience.



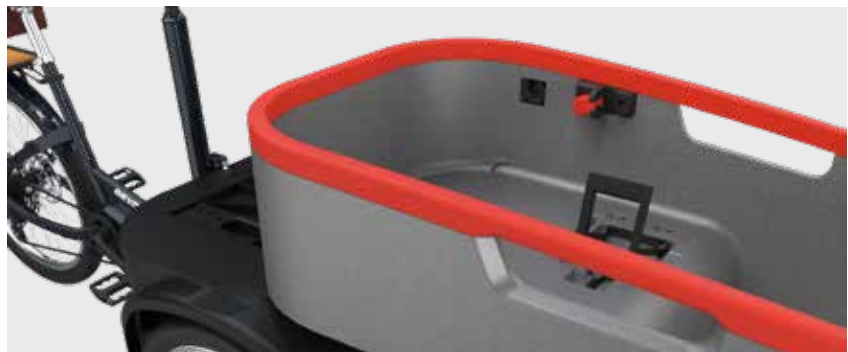
H.S. Lock

The H.S. Lock secures the cargo box balancing system when parking the cargo bike. It ensures the cargo bike's stability and eliminates the laborious issues of traditional kickstands.



Modularized Mounting System

The Modularized Mounting System is designed for the easy mounting of a desired cargo box onto the trailer, supporting various applications such as a seat cabin for children or different cargo box styles for delivery purposes.





Footrests

The two-stage flat steps integrated into the wheel cover provides great help for children step up into the seat cabin safely and easily.

Multi-functional Seat Cabin

The seat cabin is designed to carry both children and groceries with ease. Its foldable seatback isn't just for sitting— it can lay flat to create extra space for additional items when needed.





Indicated Light

Left and right direction lights are integrated into the front lights, providing enhanced visibility and improving riding safety. Individual light system and power switch are easily maintenance for home and business use.



Battery

The battery is stored in a lockable compartment under the cargo box to prevent stealing.

The battery is designed easy inserted and removed at an upward angle for user's convenience.





For Family

The H.S. structure delivers reliability, safety, and comfort to rider and passenger.

Its exclusive design ensures a pleasant journey for parents and children, especially when riding through sharp corners or uneven road conditions.

For Delivery

E-cargo bikes play a significant role in **last-mile** delivery, it greatly improves the urban traffic congestion and reduces air pollution. Hestia ensures **the stability of goods**, make an ideal transportation for valuable items or delivery beverages and other groceries to consumers. With above features, Hestia can provides an efficient, eco-friendly solution for urban logistics.



Hestia

The Balancing Trike – Always Stable and Secure

