



Advancing Electric Fleet Mobility

Version 2025.02



GAIUS[®]
AUTOMOTIVE INC.

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Gaius Automotive Inc.

**Make Immediate Positive
Impact on Cities**

Gaius is committed to leading global zero-carbon logistics with operations across three continents. We address last-mile delivery needs for local logistics, postal services, and e-commerce fleets. In close collaboration with our customers, we offer comprehensive solutions built on high-quality electric vehicles integrated with fleet and energy management systems, paving the way for a highly efficient, zero-emission, and pollution-free future.





Provide Clean and Abundant Power

* Certified by the Ministry of Transportation's Vehicle Type Safety Inspection as a "General Heavy Motorcycle" and approved under the European Whole Vehicle Type Approval (EU WVTA).

Help Achieve
Sustainability Goals

Energy
Usage



Monthly
carbon reduction: **35** Kg

10-year
carbon reduction: **4.2** metric tons

*Rapide 3 energy consumption: 1 kWh = 12km (WMTC)



Rapide 3

E-mobility for Business

Gaius offers a complete solution with e-mobility, a management platform, and a charging system. The Rapid 3 showcases Gaius' innovation with its sleek design, spacious cargo box, and strong chassis built for heavy-duty use. Its smart vehicle management system boosts fleet efficiency, providing a reliable and easy-to-use solution for fleet operations.



E-mobility

Rapide 3 enhances business while meeting sustainability goals for customers



Platform

- Fleet management platform
- Energy management platform



Energy

- Charging monitoring system
- On board AC charger
- DC fast charge



Short Windshield:
lightweight, agile, and easy to handle.

Canopy:
enhanced safety for rainy-day deliveries.

*For actual specifications, please refer to the
specification sheet.

Optimized for Commercial Use

The Gaius Rapide 3 electric three-wheeler redefines load capacity and performance with ample cargo space and abundant, clean power. Its agile handling and automotive-grade safety features deliver a high-quality, efficient mobility solution for logistics—ready for any mission.



Peak Power

13 kW



Range (WMTC)*

180 km

*According to EU 134/2014 Annex VII .



Hill Climb*

42 %

*Hill climb gradient 42% with 100kg of loading
*Hill climb gradient 35% with 175kg of loading



Top Speed

up to **85** kph



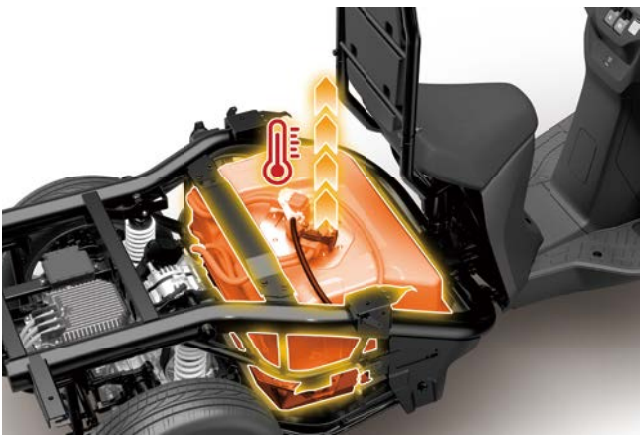
Safety, Durability, and High Performance

Rapide 3 is equipped with a dependable and durable 14.2 kWh LFP (lithium iron phosphate) battery, ensuring reliability and longevity. With its large capacity, it provides long range, and it is convenient to charge thanks to its compatibility with both AC charging (110V or 240V) and fast DC charging.



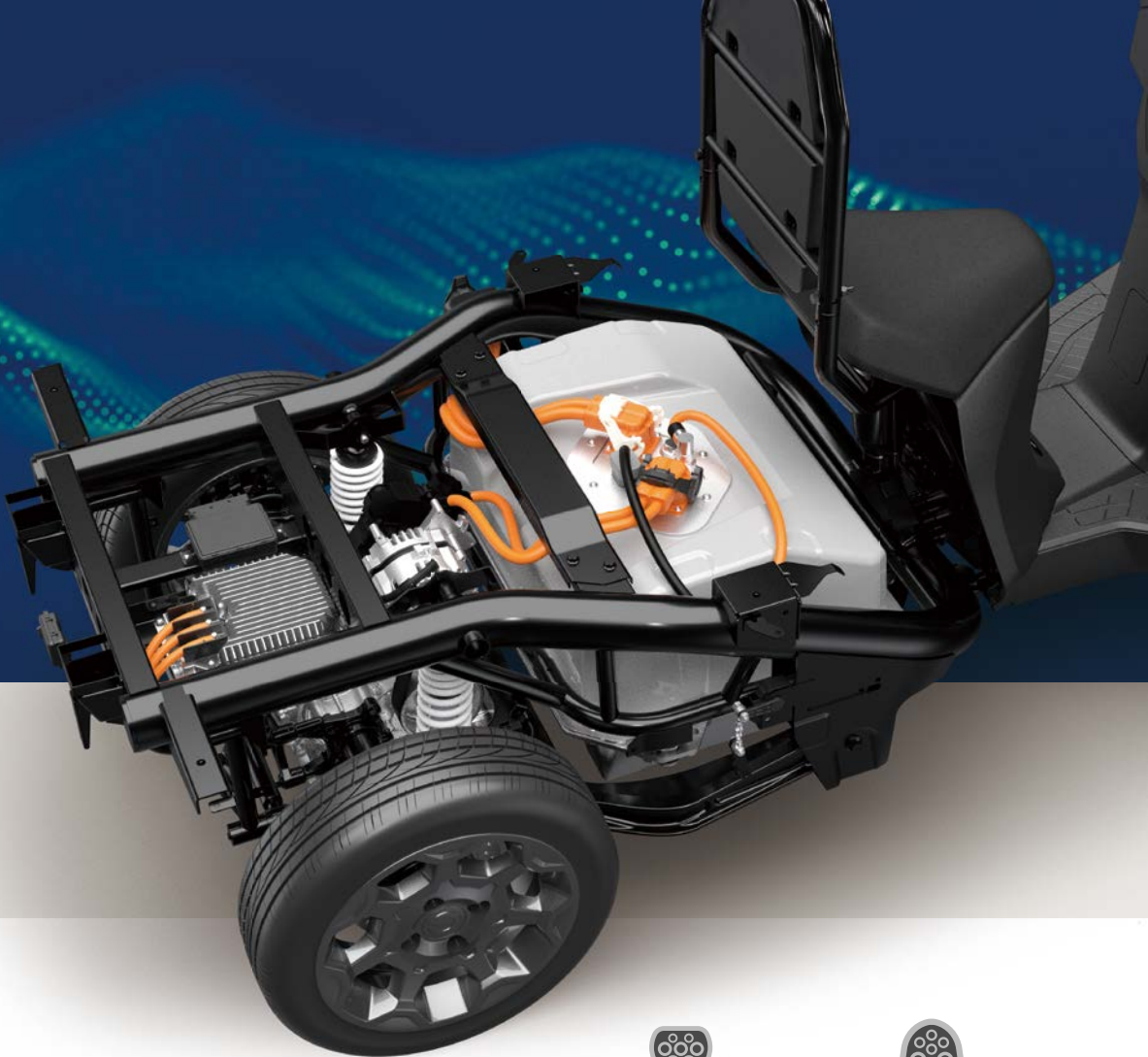
Regenerative Charging System

The Rapide 3's regenerative charging system converts kinetic energy into electrical energy, boosting its driving range. When descending, the system's braking force enables smooth deceleration and enhanced stability.

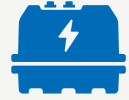



Battery Preheating System

In low-temperature environments, the Rapide 3 activates its preheating function to keep the battery at optimal operating conditions, enhancing both driving and charging performance.

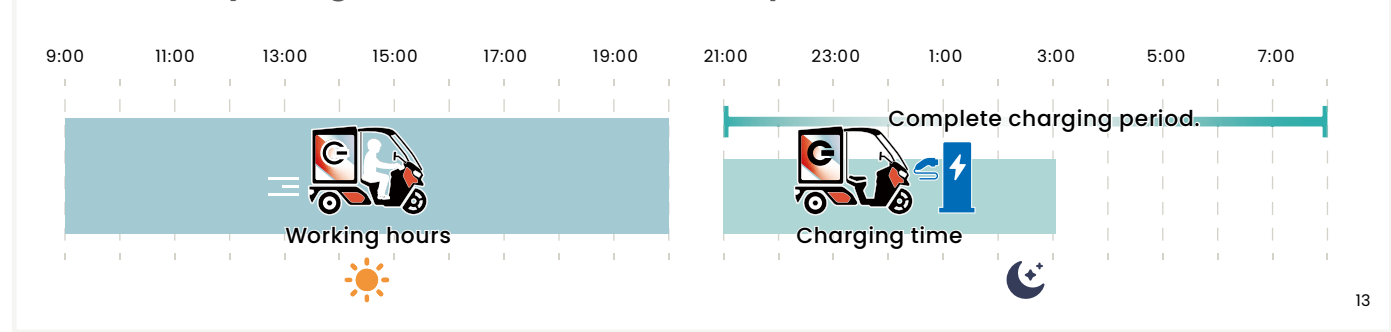


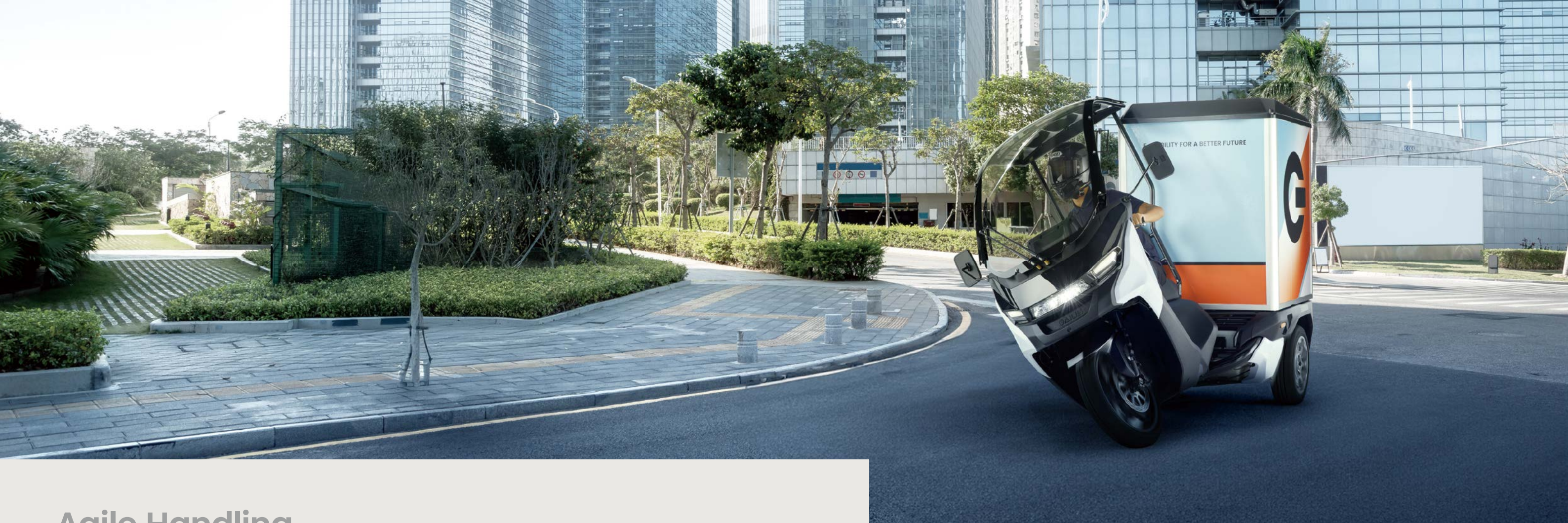
Charging Time Comparison

Battery Specifications		Range	Standard Charging (AC)	Fast Charging (DC)
	Medium Size Battery 10.8 kWh	130 km	Approximately 4.2 hours.	Approximately 1.2 hours.
	Large Size Battery 14.2 kWh	180 km	Approximately 5.4 hours.	Approximately 1.8 hours.

* Charging time for the range from 20% to 80% battery capacity.

We Recommend the Optimal Charging Schedule Designed to Seamlessly Integrate With Customers' Operations.





Agile Handling

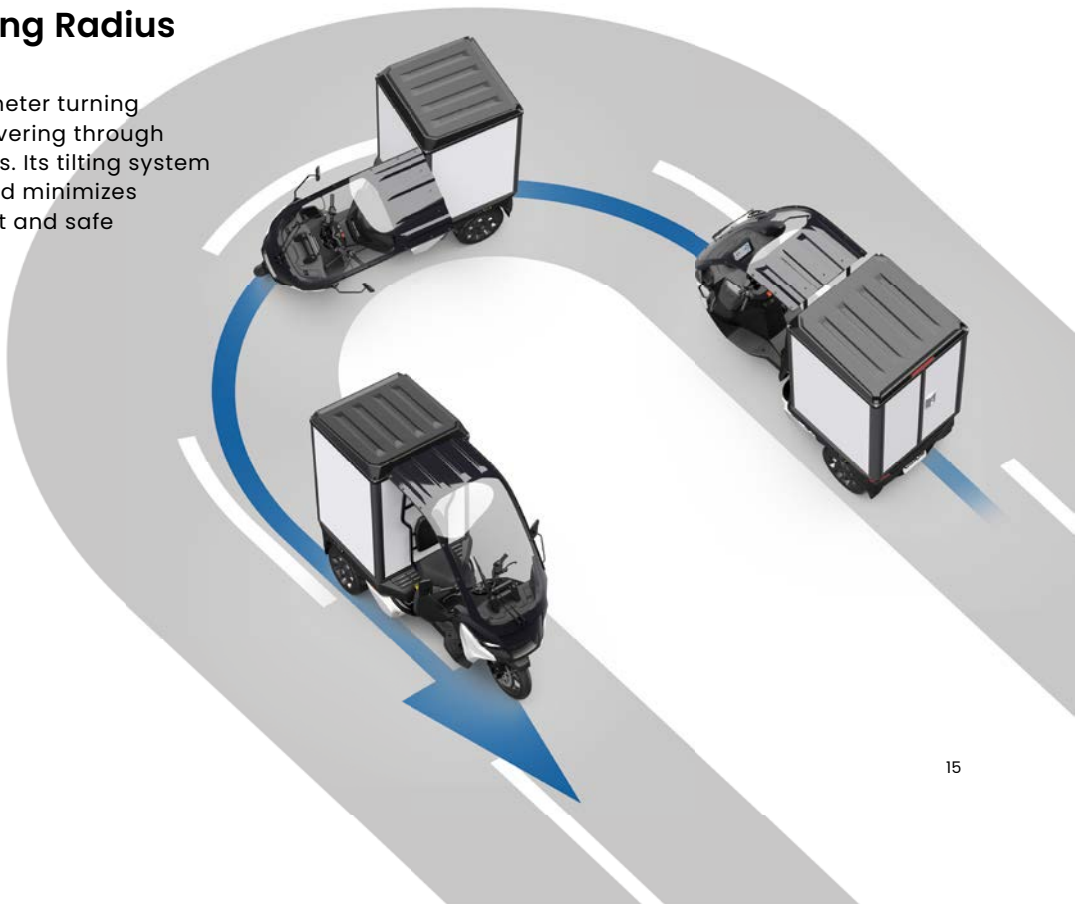
Patented 35° Tilting System for Optimal Agility and Stability

Striving for safety, Rapide 3 tilts into turns with optimal traction, maneuverability and balance even at high speeds with a full load, by using a unique 35-degree tilting system. The innovative system utilizes dynamic CG (center of gravity) movement to balance the cargo loading.



2.5 Meter Turning Radius

The Rapide 3 features a 2.5-meter turning radius, enabling agile maneuvering through narrow alleys and urban areas. Its tilting system further enhances handling and minimizes driving risks, ensuring efficient and safe transportation.



The Rapide 3's Large Cargo Box Offers Excellent Capacity

The Cargo Capacity Is Five Times That of A Two-Wheeled Motorcycle.

Reasoned about cargo capacity and efficiency for a couple of seconds The cargo box offers 1000 liters of capacity and supports up to 200 kg—transporting up to five times more cargo than a two-wheeled motorcycle. It accommodates packages of all sizes, overcoming the limitations of motorcycles with medium to large goods. By enabling multiple deliveries per trip, it reduces depot returns, meets rising parcel volumes, and maximizes fleet efficiency.



Volume

1000L

1000L



Load Capacity

200KG

200KG



* Actual loading example

27

boxes

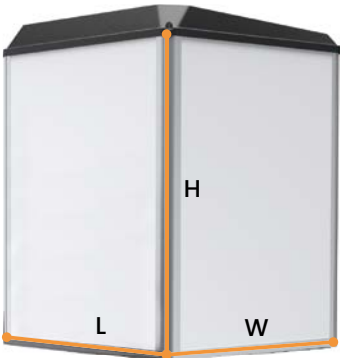
The Rapide 3's large cargo box can hold 27 cartons, each measuring 310 x 280 x 370 mm.



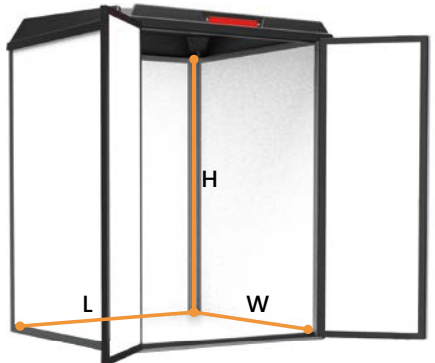
Optimal Cargo Box Height

The cargo box is set at an ergonomic height that supports natural lifting movements, reducing the need for frequent bending. This design minimizes fatigue and occupational injuries while boosting work efficiency.

1. Vehicle height: 1825mm
2. Cargo deck height: 630mm



Cargo Box Size (Exterior) :
W990 x L990 x H1250 mm



Cargo Box Size (Interior) :
W970 x L950 x H1100 mm

Customizable Cargo Box Space for Flexible Use

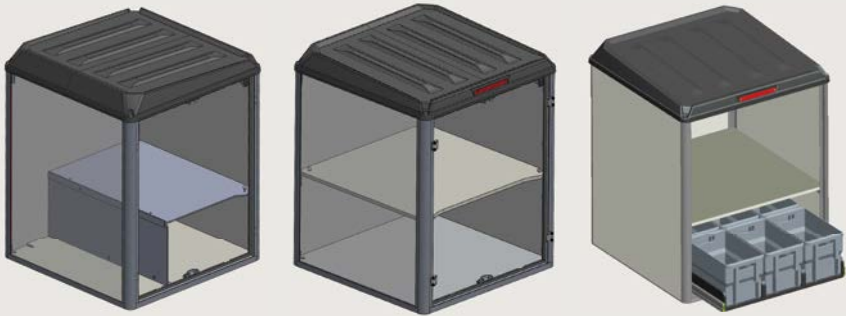
Cargo Box Styles

Two cargo box options are available: double-door and cold-chain. The exterior can be customized with exclusive paint that reflects your brand image and colors.



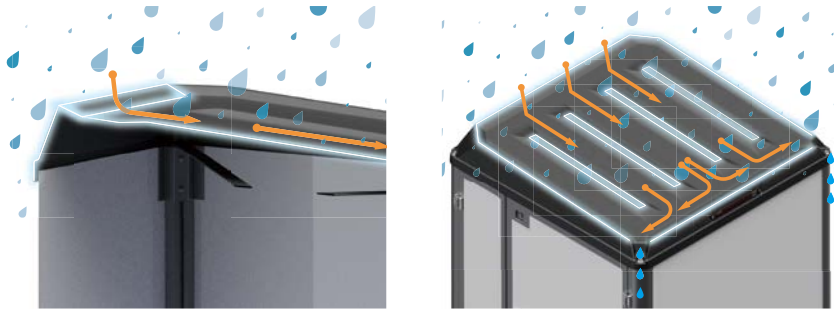
Cargo Space

Customizable storage spaces can be designed to meet specific goods and delivery needs. Options include partition layouts, pull-out racks, and more for a personalized solution.



Cargo Box Roof Drainage Design

The Rapide 3 cargo box roof has a high front, low rear design with a curved water shield. A drainage channel directs rainwater to the back, keeping the rider dry and safe during rainy rides.



Cargo Box Construction



Extruded Aluminum Post with T-slot (Slot width 8mm)

6063 / T5

Hardware Accessories



Brake Light (CHMSL)



Interior Light



Mechanical Lock



RFID Lock



Storage Net



Elastic Storage Net



Hanging Pocket Organizer



Hook



Ring



Adjustable Shelf Support



01



Increase Cargo Capacity

The Rapide 3 features a 1000-liter cargo box with a 200 kg load capacity, allowing more packages to be delivered in one trip.

02



Breakthrough In Size and Volume Limitations

It accommodates packages of all sizes—from small parcels to medium and long items—overcoming the size limitations of two-wheeled motorcycles in parcel delivery.

03



Adapt to Various Road Conditions

The Rapide 3 combines the agility of a two-wheel motorcycle with the versatility to navigate narrow alleys, mountain roads, and commercial districts. It sidesteps traffic jams, detours, and parking hassles, ensuring deliveries take the shortest, fastest routes.

Increase Cargo Capacity and Operational Efficiency



Reduce Fleet Operational Costs



Reduce Labor Costs

With a large cargo capacity, Rapide 3 reduces the number of restocking trips and parking searches, lowering labor and time costs while boosting fleet efficiency.



Reduce Energy Costs

Compared to traditional fuel-powered and battery-swapping vehicles, it significantly lowers monthly energy costs, freeing up more resources for the fleet.



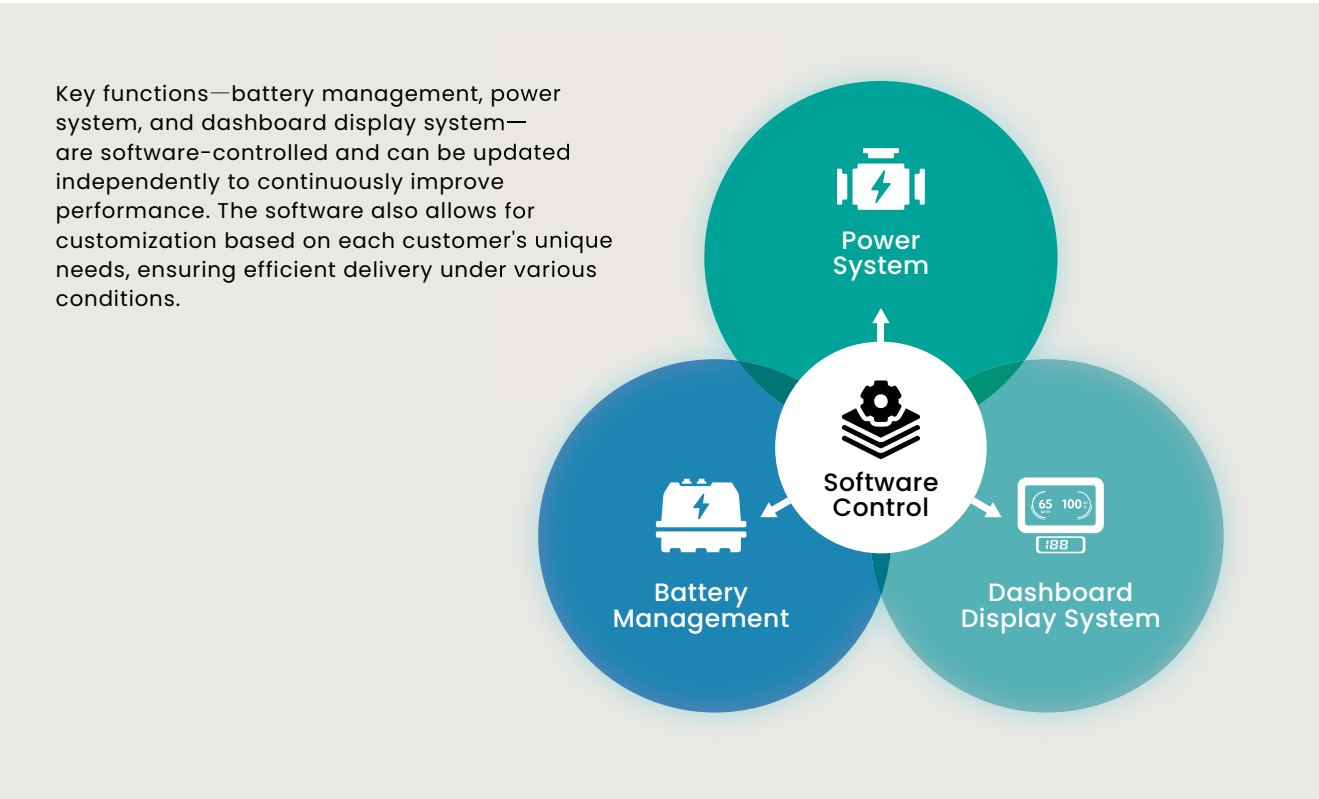
Reduce Maintenance Costs

The Rapide 3 offers longer maintenance intervals and lower costs, significantly reducing parts, consumable, and maintenance expenses compared to traditional fuel-powered vehicles.





Software-defined Electric Three-Wheeler

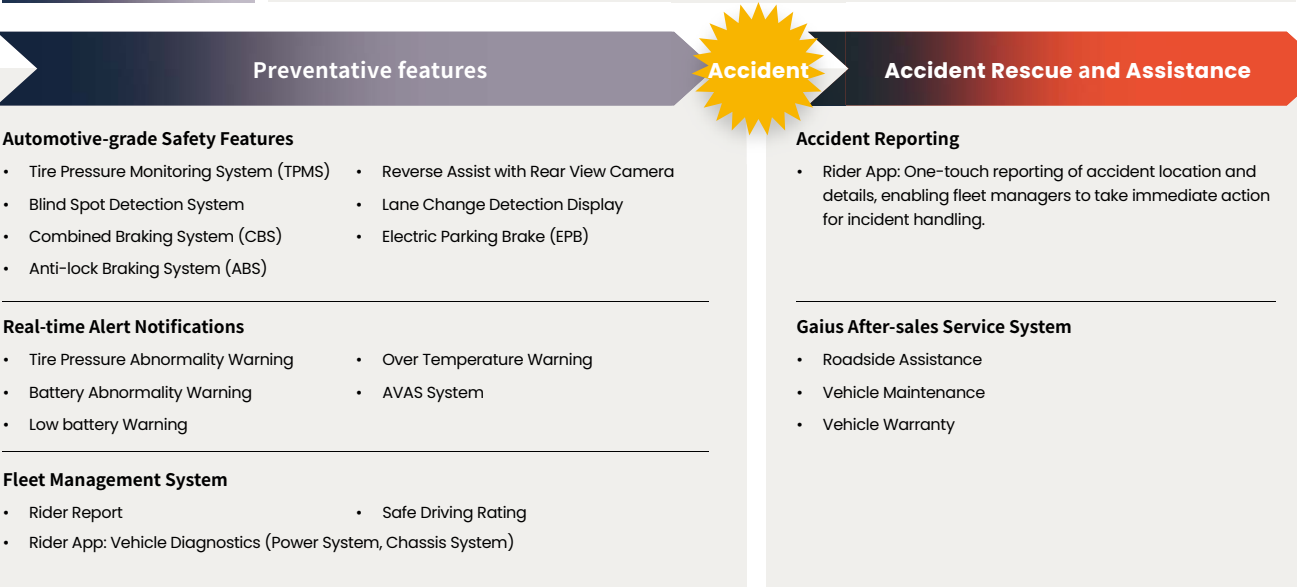


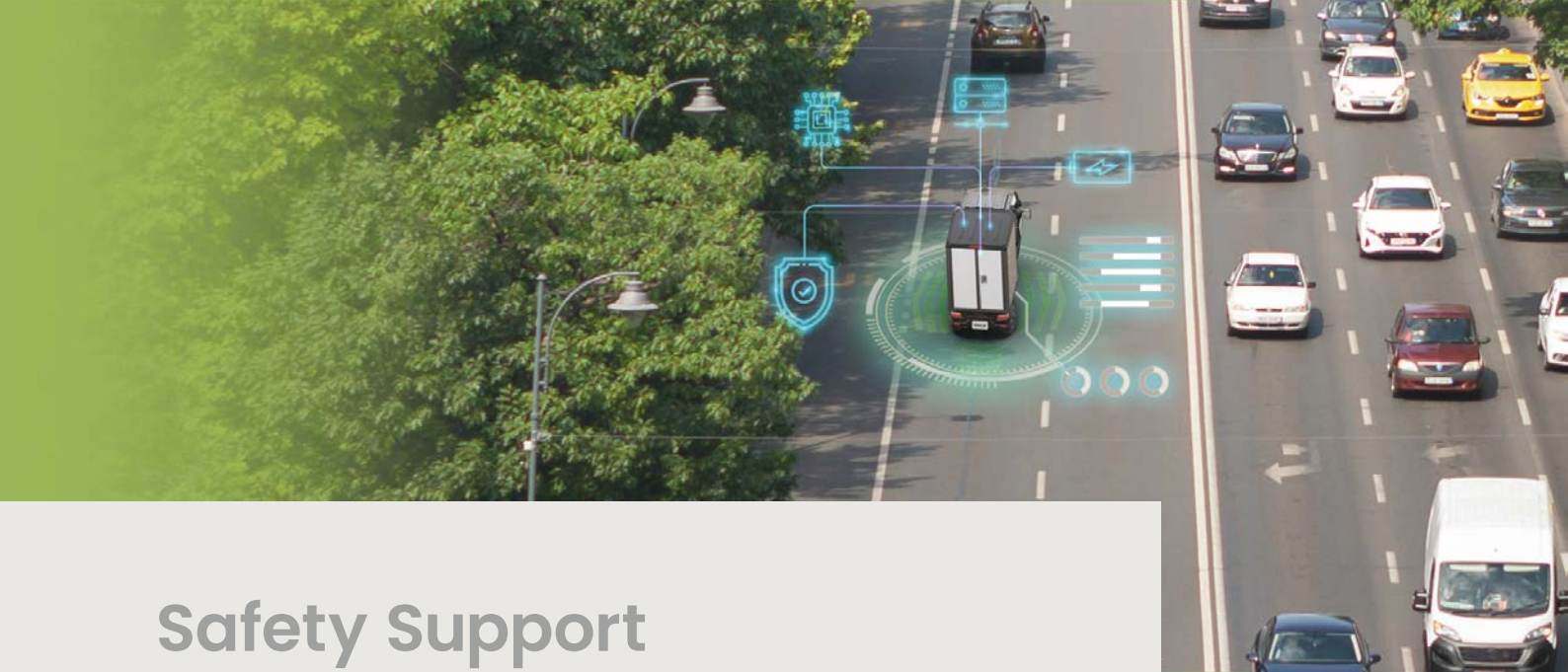
Vehicle Safety System and Emergency Management



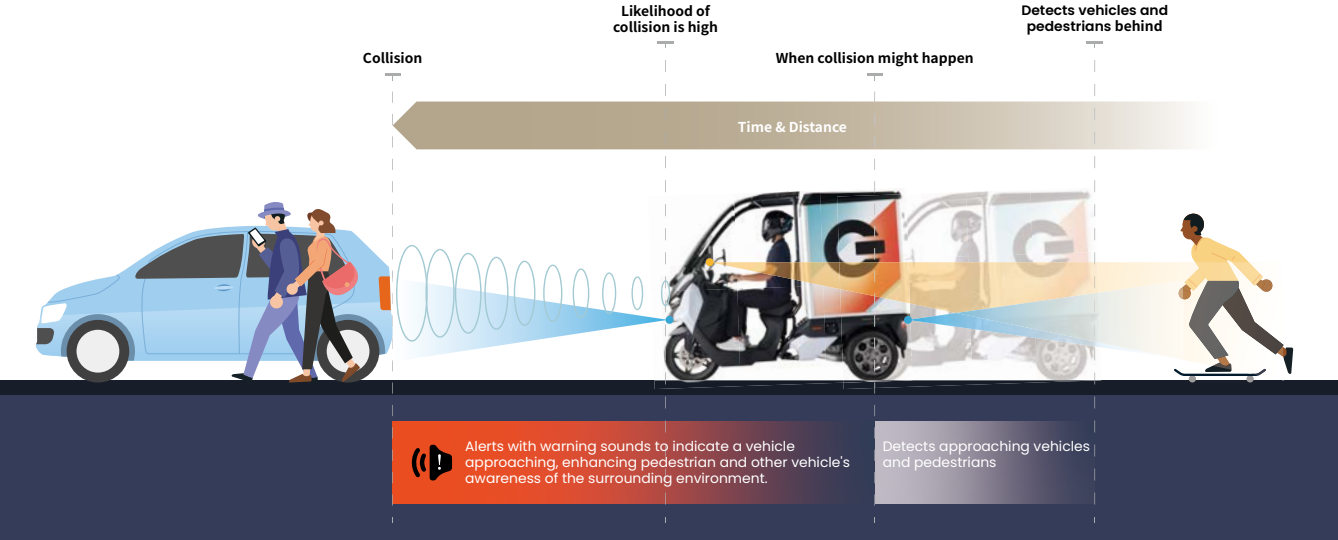
Pursuing the Safest Vehicle Design, Minimizing the Risk of Accidents

Driving Control	Ensure the vehicle is designed for safety and stability, while offering flexibility and ease of operation.
System	Equipped with multiple automotive-grade safety systems, it enables drivers to monitor vehicle conditions before, during, and after their shift.
Notifications	Provides real-time warning notifications while the vehicle is in motion, ensuring the safety of surrounding traffic and pedestrians.





Safety Support



Combined Braking System (CBS)

Complementing the front and rear hand-operated brakes, and by using an independent hydraulic circuit, CBS provides a failsafe braking system.



Anti-lock Braking System (ABS)

Both the front and rear wheels are equipped with ABS, preventing wheel lock, reducing braking distance and providing a high level of safety for braking.



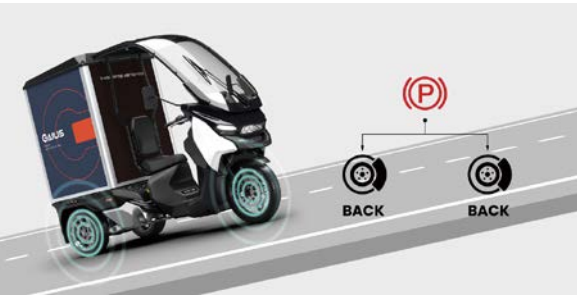
Reverse

Rapide 3 can be easily reversed into a loading zone.



Electric Parking Brake (EPB)

Rapide 3 adopts an EPB that along with the ETL, allows riders to easily lock the vehicle when parking.



Acoustic Vehicle Alerting System (AVAS) Low-speed Warning Sound

When the hazard lights are activated, a warning sound is emitted to enhance surrounding awareness.



Front and rear DVR Unit

Equipped with front and rear digital video cameras, Rapide 3 captures the vehicle's daily riding history for operations analysis or accident recording.



Blind Spot Detection System

Rapide 3 features an automotive-grade blind spot detection system, which activates light signals to warn of approaching vehicles.



Electric Tilt Lock (ETL)

When parking or stopping at a traffic light, riders can lock tilting easily by pressing a switch. When maneuvering through narrow lanes, riding on footpaths or reversing, the locked riding mode (speed limited) provides safe and effortless control.



Smart Dashboard

Tire Pressure Monitoring System (TPMS)

When there is insufficient tire pressure or an abnormal condition, the instrument panel will illuminate the tire pressure warning light.



Reverse Assist with Rear View Camera

The reverse assist camera function enables the rider to monitor traffic and obstacles while reversing.



Lane Change Detection Display

When changing lanes or turning, drivers can use the dashboard's real-time display to monitor the rear, reducing blind spots and enhancing safety.

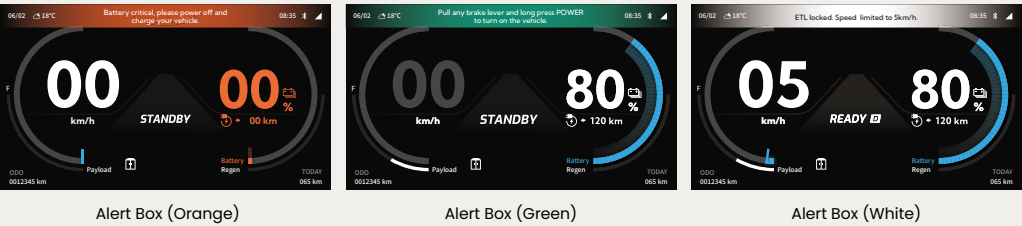


Safety System

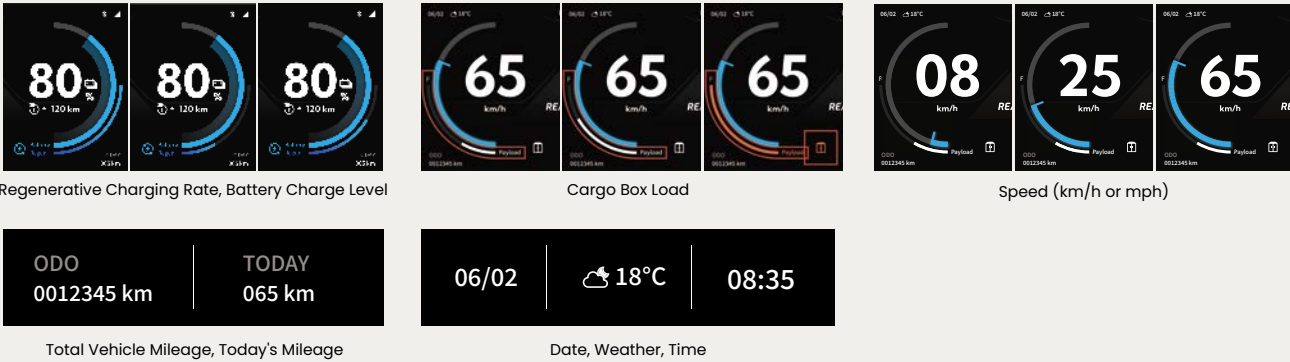
Vehicle Status Warning Lights



Dashboard Alert Box



Information Display



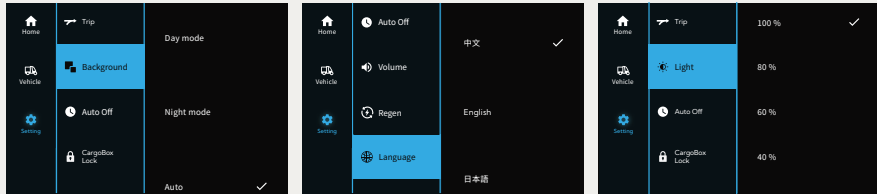
Menu Settings

Vehicle Information



Maintenance Information

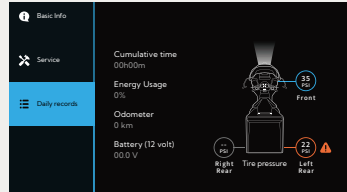
Personalized Settings



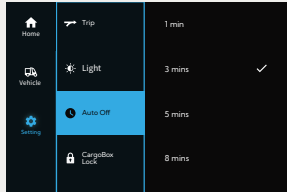
Background

Language

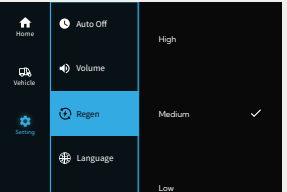
Brightness



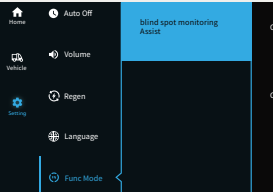
Vehicle Log



Shutdown Time

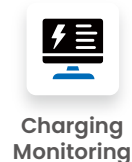


Regenerative Braking (Energy Recovery)



Function Mode





Charging
Monitoring



Charging
Scheduling



Energy
Usage



Real-time
Vehicle Status



Riding
History



Carbon
Reduction Data



Energy
Monitoring



Report
Management



Aftersales
Support

Safe and Intelligent Energy Management System

Our energy management system incorporates an intelligent charging scheduling algorithm, guaranteeing that all vehicles within a large fleet are fully charged for the upcoming day. Moreover, the system actively monitors the energy capacity at the depot and promptly notifies fleet managers of any abnormalities detected during charging. Both the charger box and the vehicle's telematics system play a crucial role in monitoring and managing the charging process.



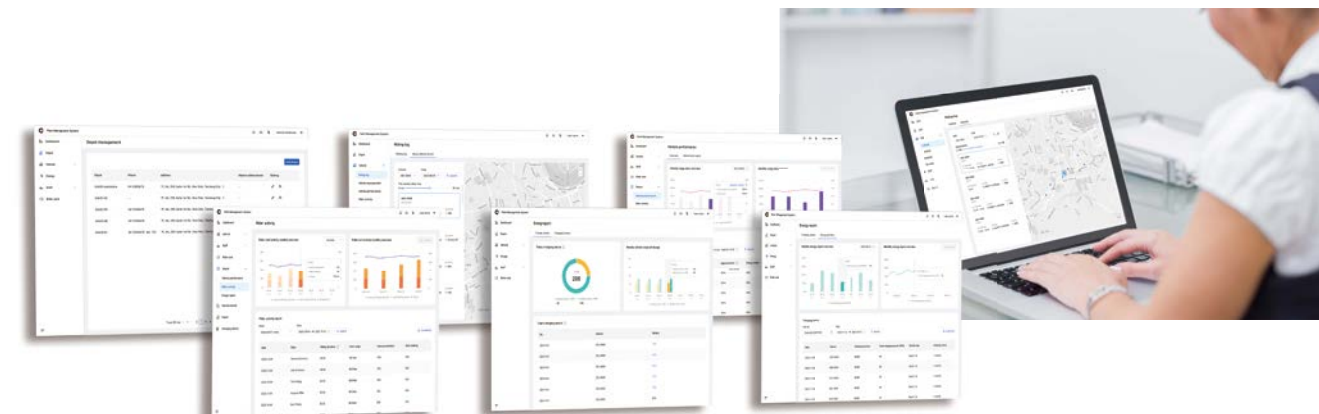
IEC 62196 Type 2



IEC 61851-23-2
(CNS 16127)

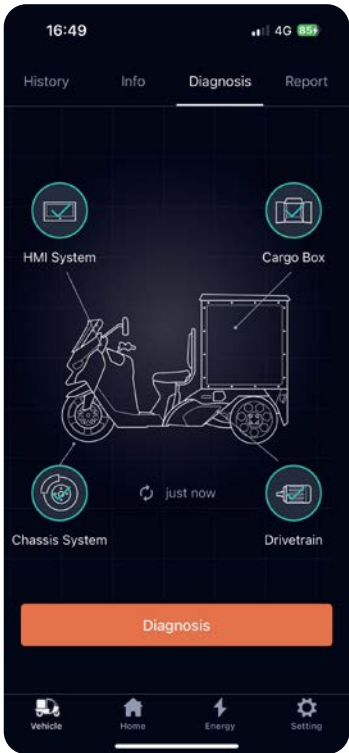
Smart Fleet Management System

Gaius offers a comprehensive fleet management system, vital for mission-critical fleets. It collects real-time vehicle data, including location, energy consumption and rider behavior. The system can seamlessly integrate into existing fleet management systems using an API, while the rider app keeps individuals informed and in control with essential vehicle information at their fingertips.



Gaius Pro

Gaius Pro is a rider's app allowing users to seamlessly activate vehicles and access real-time data, riding history, diagnostics, and battery status updates. In case of accidents, riders can use the app to report accidents and require immediate assistance from fleet managers.

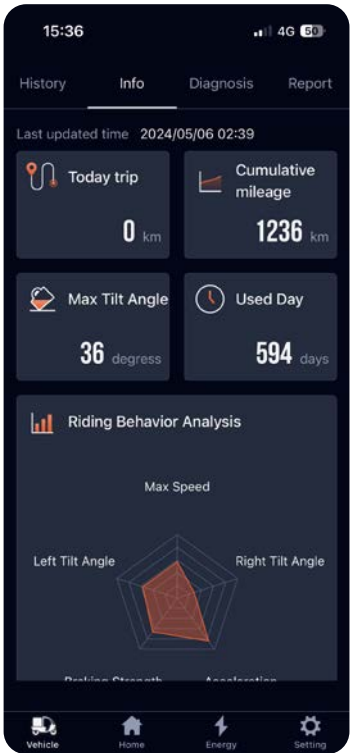


Diagnostics

Self-check the status of the drivetrain and chassis systems

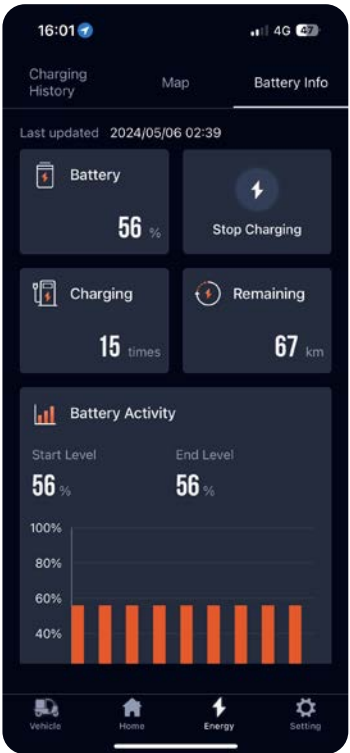


Green: normal Red: abnormal



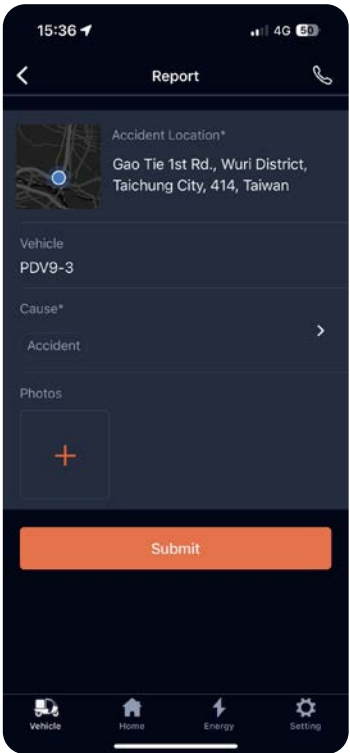
Riding Records

Riders can check daily and total mileage, as well as receive behavior analysis.



Battery Status

Riders can check the real-time battery level, remaining mileage, and stop vehicle charging as needed.



Emergency Alert

Accident details and images can be instantly sent to the fleet management system, enabling prompt responses from fleet managers.



Smart Activation

Simply activate the vehicle using the App. No need to use the key cards.



Gaius Pro download



iOS



Android



Owner Services



Vehicle Maintenance and Repair

Gaius enforces strict quality control in vehicle maintenance and repair, ensuring comprehensive care.



3000 km

For new vehicles, the first inspection and maintenance can be performed when the vehicle reaches 3,000 kilometers or one month of use (whichever comes first). This can be done at the Gaius factory or an authorized service center.

5000 km

Every 5,000 kilometers or 6 months (whichever comes first), regular maintenance and inspection can be carried out at the Gaius factory or an authorized service center.

Roadside Assistance

In the event of a vehicle breakdown or accident requiring emergency assistance, contact a Gaius-authorized repairer or a partnered roadside assistance provider.

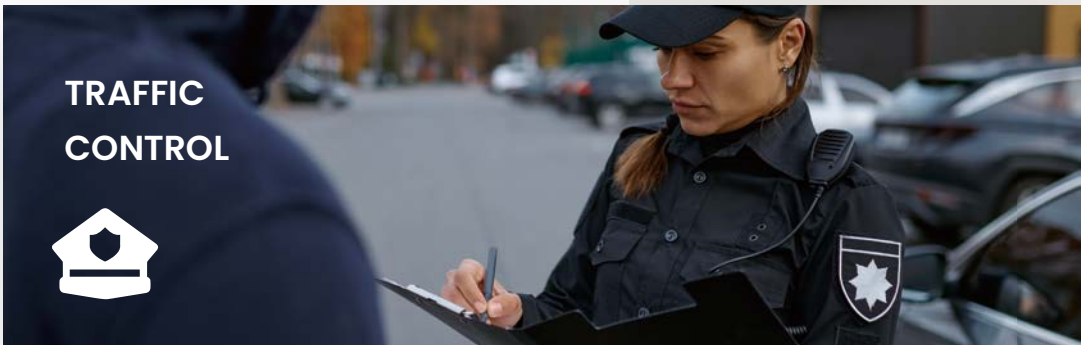


Vehicle Warranty

Warranty Coverage Items	Warranty Coverage Details
New Vehicle Warranty	New vehicle comes with a 2-year or 60,000-kilometer manufacturer warranty.
Lithium Iron Phosphate (LiFePO4) Battery	Guaranteed 80% battery capacity within 5 years or 125,000-kilometer for the battery.
Cargo Box	A one-year warranty is provided from the delivery date for new vehicles, under normal usage and storage conditions.
Others	During the warranty period, if any defects in the vehicle's original parts or components meet Gaius Automotive's warranty standards, free repair or replacement will be provided—except for issues covered by other warranty conditions or involving consumable parts and materials.

The Best Mission-Critical Vehicle

Rapide 3 is more than just a logistics vehicle; it excels as a mission-critical vehicle with its outstanding performance, high payload capacity, and fully customizable cargo system. Its versatility allows for modifications to cater to various needs in fields such as cold chain, law enforcement, emergency response, maintenance, public service, and other special purposes.





Model Name	Standard	Premium	Classic	Ultimate
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Windscreen	Short Windshield	Canopy	Short Windshield	Canopy
Battery Capacity	10.8 kWh	10.8 kWh	14.2 kWh	14.2 kWh
Battery Type	Lithium Iron Phosphate Battery(LFP)			

Exterior Dimensions

Category	L5e-U			
Length	2500 mm			
Width (without mirrors)	1032 mm			
Height (Standard Cargo Included)	1850 mm	1950 mm	1850 mm	1950 mm
Windscreen Size	360x790 mm	880x790 mm	360x790 mm	880x790 mm
Curb Weight (Cargo Box Excluded)	415 kg			
Wheelbase	1820 mm			
Front Wheel Size	17" 3.0J			
Front Tire Size	110/70-17			
Rear Wheel Size	13" 5.0J			
Rear Tire Size	145/60 R13			
Seat Height	787 mm			
Power Outlet	5V USBx2, 12V socket			
Cargo Deck Height	630 mm			
Cargo Box Size (Exterior)	L 1250 x W 990 x H 990 mm			
Cargo Box Size (Interior)	L 1100 x W 970 x H 950 mm			
Load Capacity	200 kg			
Rear Cargo Box Volume (Non-temperature controlled)	1000 L			

Tilt System

Tilt Angle	±35°
Tilt Lock	Electric Tilt Lock

Powertrain

Peak Power	13 kW
Top Speed	up to 85 kph
Range (WMTC)	180 km

Features & Technology

Light System	
LED Headlight	●
LED Signal Position Light	●
LED Reverse Light	●
LED Rear Light	●
Charging System	
AC Charging	●
Regenerative Braking System	●
Sensor	
Cargo Load Sensor	●
Smart Management System	
8" Dash Display	●
Cargo Bluetooth Lock	●
Rider App	●
Smart Charging System	●
Fleet Management Platform	●

Suspension & Brake

Front Suspension	Inverted Fork
Rear Suspension	Aluminium Forged Swing Arm / Watts Linkage
Front Brake	Dual Disc Φ 280mm / Radial 4-Piston Calipers / ABS
Rear Brake	Single Disc Φ 230mm / 1-Piston Floating Caliper / EPB

● Standard / ○ Optional

Features & Technology

Safety	
Anti-lock Braking System (ABS)	●
Combined Braking System (CBS)	●
Electric Parking Brake (EPB)	●
Tire Pressure Monitoring System (TPMS)	●
Blind Spot Detection System	●
Reverse Assist with Rear View Camera	●
DVR Unit (Front & Rear)	●
Acoustic Vehicle Alerting System (AVAS)	●
NFC Key System	●
Lane Change Detection Display	○
Battery	
Battery Capacity	10.8 kWh ○
	14.2 kWh ●
Others	
Vehicle Paint Job	Customization ○
Equipment Storage Racks	Customization ○

Cargo Box

Cargo Box	Normal Temperature	●
	Fridge 0~7° C	○
	Freezer -15 ~20° C	○
	Loading platform	○
Cargo Door Access	Right & Rear Opening	
	Barn Doors	●
Cargo Box Interior	Multi-Level Module	○
	Cargo Net Module	○
Cargo Exterior	External Cargo Box Alert Light	○



E-mobility For A Better Future

- * The cargo box can be customized. The minimum quantity of order and any required custom part not listed must be further discussed before finalization.
- * Any defect of the new product that is attributable to a manufacturing or assembly fault under normal use is covered by warranty for a period of 2 years. For further details, please review the Warranty booklet.
- * While Gaius Automotive Inc. has endeavored to ensure that all information, representations, illustrations, and specifications contained in this specification material are accurate at the time of publication, the information is general in nature only. Product features, specifications, models, and prices are subject to change without notice.
- * All data in regards to dimensions, weights, performance, test results or distance are for reference only.



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