

Advancing Electric Fleet Mobility



GAIUS
AUTOMOTIVE INC.



Rapide 3

- * 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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Gaius Automotive Inc.

Introducing Gaius, where innovation meets sustainable mobility. Driven by a passionate commitment to reshape electric mobility, by applying our deep expertise in vehicle engineering, design and manufacturing, we are creating solutions for a cleaner, more sustainable future.

Make Immediate Positive Impact on Cities

In response to the rapid growth of e-commerce and increasing delivery demands, the roads are witnessing a surge in logistics vehicles operating for extended hours. At Gaius, we firmly believe that electrifying logistics vehicles is the key to immediately improving the quality of life in cities.

To support our fleet customers in achieving both business success and sustainability goals, we offer comprehensive solutions that center around e-mobility, energy, and operations.



RAPIDE 3

Rapide 3 E-mobility for Business

Gaius' innovative spirit is evident in Rapide 3's design, featuring a stylish look, spacious cargo box, and a strong chassis for severe duty cycles and heavy loading. Its powerful and efficient powertrain ensures long-range delivery capability. Its intelligent vehicle management system further enhances fleet operation efficiency, providing a reliable and user-friendly solution for fleet operators.



E-mobility

Rapide 3 enhances business while meeting sustainability goals for customers



Platform

- Fleet management platform
- Energy management platform
- Rider APP



Energy

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

Gaius provides an all-encompassing smart fleet and energy management system that empowers fleet operators with the tools they need to optimize their operations.

Safe and Long Service Life

Rapide 3 is equipped with a dependable and durable 14.5kWh 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.



Balancing Power and Torque



Rapide 3's 13kW peak power and class-leading torque allows it to effortlessly handle heavy loads and challenging terrains.

Range (WMTC)*	Peak Power	Top Speed	Hill Climb*
180 km	13 kW	up to 85 kph	42 %
*According to EU 134/2014 Annex VII .		*Hill climb gradient 42% with 100kg of loading *Hill climb gradient 35% with 175kg of loading	



Volume

1000_L

Load Capacity

200_{KG}

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.



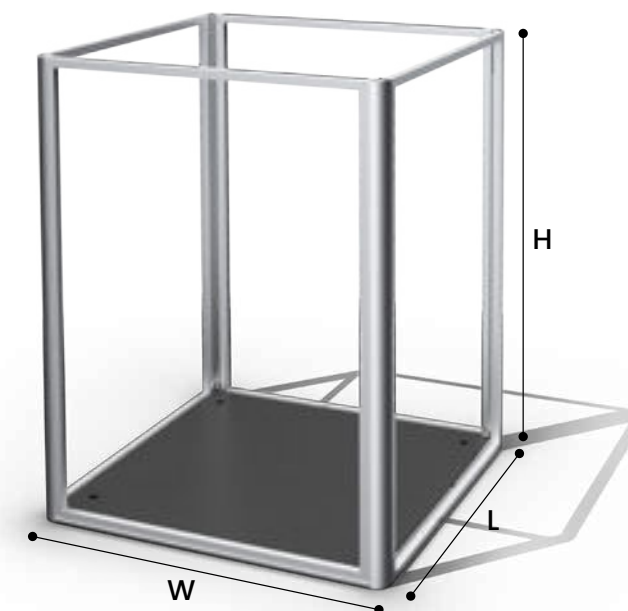
Large Cargo Box, High Payload

The cargo box can be customized in terms of design (graphics and color) as well as cargo access (roll-up door, barn doors, and cold chain cargo box) on all three accessible sides.

Exterior Length
990_{mm}

Exterior Width
990_{mm}

Exterior Height
1250_{mm}



Rollup Door



Barn Doors



Cold Chain Cargo Box





**Tailored for
Postal Services Worldwide**



Cargo Box Construction



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

6063 / T5

Hardware Accessories



Brake Light (CHMSL)



Interior Light

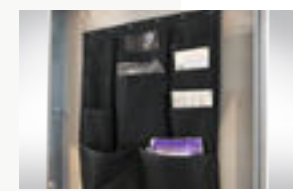
Lighting



Storage Net



Elastic Storage Net



Hanging Pocket Organizer

Net



RFID Lock



T-shape handle lock



Button Lock Handle
Rollup Door Only

Door Lock



Hook



Ring



Adjustable Shelf Support

**Aluminium
T-slot
Accessories**



Cargo Box Mail Storage Option A

- Vertically stacked sliding trays, each holding three standard mail containers.
- Heavy duty rails, individual container compartments.
- Outside the mail compartments, the cargo box has 350 liters of storage space remaining.
- Lower cost, as standard cargo box can be used without customization.



Cargo Box Mail Storage Option B

- Horizontally stacked standard mail containers and separator shelf.
- Sliding tray can be single piece (simpler, lighter) or three individual sliders (more convenient, easy to use)
- Trays slide out far enough that the inside containers can be accessed directly.
- The cargo box has 600 liters of storage space above the separator shelf.



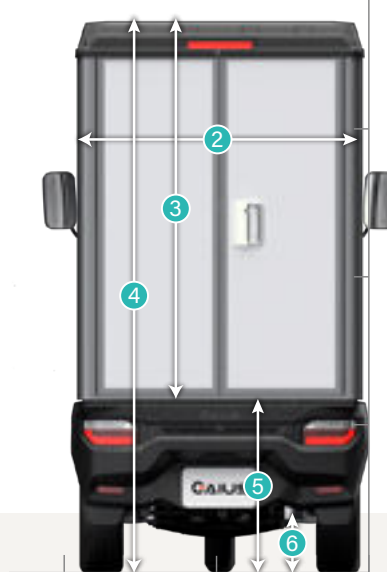
Ergonomics designed for individuals ranging from 155cm to 195cm



155 cm rider

195 cm rider

Vehicle Dimensions



1. Seat height: 770mm
2. Vehicle width: 1032mm
3. Cargo box height (exterior): 1195mm
4. Vehicle height: 1825mm
5. Cargo deck height: 630mm
6. Ground clearance: 160mm



7. Cargo box width (interior): 930mm
8. Cargo box height (interior): 1130mm

Vehicle Size Variants

Standard



IEC Type 2 AC charger socket standard, Clipsal flush inlet socket optional. DC charging optional.

Standard cargo bed : 990x990mm

Maxi



Rear overhang is 10cm longer than Standard version. Rear tail patches and ESS upper trim are standard.

Maxi cargo bed : 990x1090mm

Charging Interface Options



IEC 62196-2
Type 2 Plug



IEC 62196-2
Type 2 Socket



Smart key

Activate Rapide 3 by using the smart key. This action also triggers the recording of routes, battery usage, and riding behaviors... etc, all of which contribute to enhancing fleet safety.





Mount Jade
3952m

***E-MOBILITY FOR
A BETTER FUTURE***



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.



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.

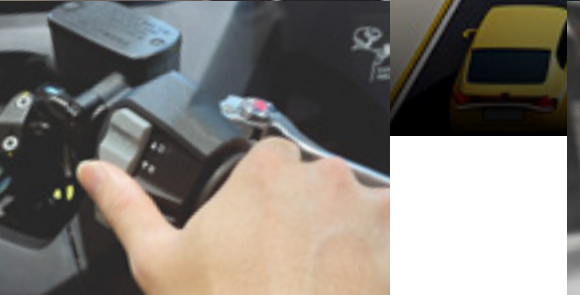


Safety Support



Reverse

Rapide 3 can be easily reversed into a loading zone.



Front and rear DVR Unit

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



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.

Electric Parking Brake (EPB)

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



Blind Spot Detection System

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



Reverse assist with rear view camera

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



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.



Charging monitoring



Charging scheduling



Energy usage

Energy usage



Monthly carbon reduction: **35** Kg

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

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



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.

*Calculating with the same daily range of 100 km, Rapide 3 reduces carbon emissions by 35 kg (per month) compared to gasoline motorcycles, resulting in a total reduction of 4.2 tons of carbon emissions over 10 years.

*Based on the data from Industrial Technology Research Institute (ITRI), Ministry of Economic Affairs Energy Bureau, Taiwan Power Company



Route history



Operational reporting



Rider behavior analysis



2023 New Application

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.

Exterior Dimensions

Category	L5
Length	2500 mm
Width (without mirrors)	1032 mm
Height (Standard Cargo Included)	1825 mm
Short Windscreen	690 x 320 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)	W990 x L990 x H1250 mm
Cargo Box Size (Interior)	W930 x L930 x H1130 mm
Load Capacity	200 kg
Rear Cargo Box Volume (Non-temperature controlled)	1000 L
Cargo Door Access	Left, Right, and Rear Side

Battery

Battery Capacity	14.5 kWh
Battery Type	Lithium Iron Phosphate Battery(LFP)

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	●
Fleet Management System	
10.3" Dash Display	●
Cargo Bluetooth Lock	●
Rider Monitoring App	●
Smart Charging System	●
Fleet Management Platform	●

Tilt System

Tilt Angle	±35°
Tilt Lock	Electric Tilt Lock

Suspension & Brake

Front Suspension	Inverted Fork
Rear Suspension	Aluminium Forged Swing Arm / Watts Linkage
Front Brake	Dual Disc Φ280mm / Radial 4-Piston Calipers / ABS
Rear Brake	Single Disc Φ230mm / 1-Piston Floating Caliper / EPB

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		●
Battery		
Battery Capacity	11 kWh	○
	14.5 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	Barn Doors	●
	Rollup Door	○
Cargo Box Interior	Multi-Level Module	○
	Cargo Net Module	○
Cargo Exterior	External Cargo Box Alert Light	○