

# IONIXS

100% ELECTRIC LIGHT COMMERCIAL TRUCK

Versatile | Compact | Practical

# AVEVAI



Singaporean brand



# WHY IONA XS?

## WE KEEP THINGS SIMPLE

IONA XS embodies a combination of perfect size, robustness, and practicality, making it a resounding success in all aspects. It offers optimal comfort for drivers and delivers the necessary performance for everyday use.

Designed to meet the highest standards of market demands, the IONA XS takes vehicle design to the next level. Its load-bearing body and steel frame chassis provide exceptional resistance to deformation, ensuring impeccable stability and safety.

Small businesses make a grand contribution to the global economy – B. Argun, CEO of AVEVA

LOWER

**TCO**

ZERO EMISSION

**TAILPIPE**

ZERO EMISSION

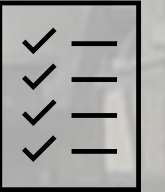
**NOISE**

MODULAR CARGO OPTIONS

**BOX & PICKUP**

Other options are available on request

SMEs represent about 90% of businesses and more than 50% of employment worldwide. SMEs contribute up to 40% of national income (GDP) in emerging economies - World Bank



HOMOLOGATION  
EU L7e-CU



# COST SAVING

Spend 50-60% less to power your IONA XS and half as much on repairs and maintenance. NO OIL CHANGES NEEDED!

To save on fuel cost use efficient vehicles. IONA XS, the electric commercial vehicles can be more cost-effective for deliveries in urban areas with shorter distances and heavier traffic.




**200** km  
Driving Range

**23** kWh  
Battery Pack

**75** km/h  
Max Speed



REGENERATIVE  
BRAKE SYSTEM



SLOPES UP TO  
25%

The range will greatly vary depending on the individual driving/charging habits, driving speed, road/traffic conditions and weather. Due to rounding, numbers presented throughout this brochure may not add up precisely to the totals provided and percentages may not precisely reflect the absolute figures.



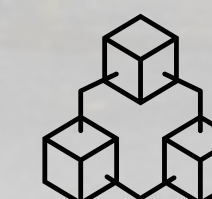
# VERSATILE

The IONA XS goes above and beyond to cater to your unique business needs, offering exceptional adaptability and customization options. Whether you require specialized equipment for tasks like garbage or organic waste collection, park and garden maintenance, building upkeep, or last-mile delivery, the IONA XS can be tailored to meet your specific requirements.

This versatile mini truck is built to excel in even the most demanding applications. Its robust design and advanced engineering ensure it can tackle a wide range of tasks with ease. From heavy loads to challenging terrains, the IONA XS rises to the occasion, providing unmatched performance and reliability.



MAX. SPEED  
75 KM/H



ON-BOARD  
CHARGER 3.3 KW

# COST EFFECTIVE & SUSTAINABLE

By choosing the IONA XS, you not only benefit from its adaptability and cost-effectiveness but also contribute to a greener and more sustainable future. With its eco-friendly electric operation, this mini truck helps reduce carbon emissions and promotes a cleaner environment for all.

One of the standout advantages of the IONA XS is its cost-effectiveness. With its electric powertrain, this mini truck offers significant savings in operational costs compared to traditional diesel light trucks. It can drive long distances on a single charge, eliminating the need for frequent refueling, and its impressive carrying capacity ensures you can transport substantial loads efficiently.



LOAD CAPACITY  
UP TO 500 KG

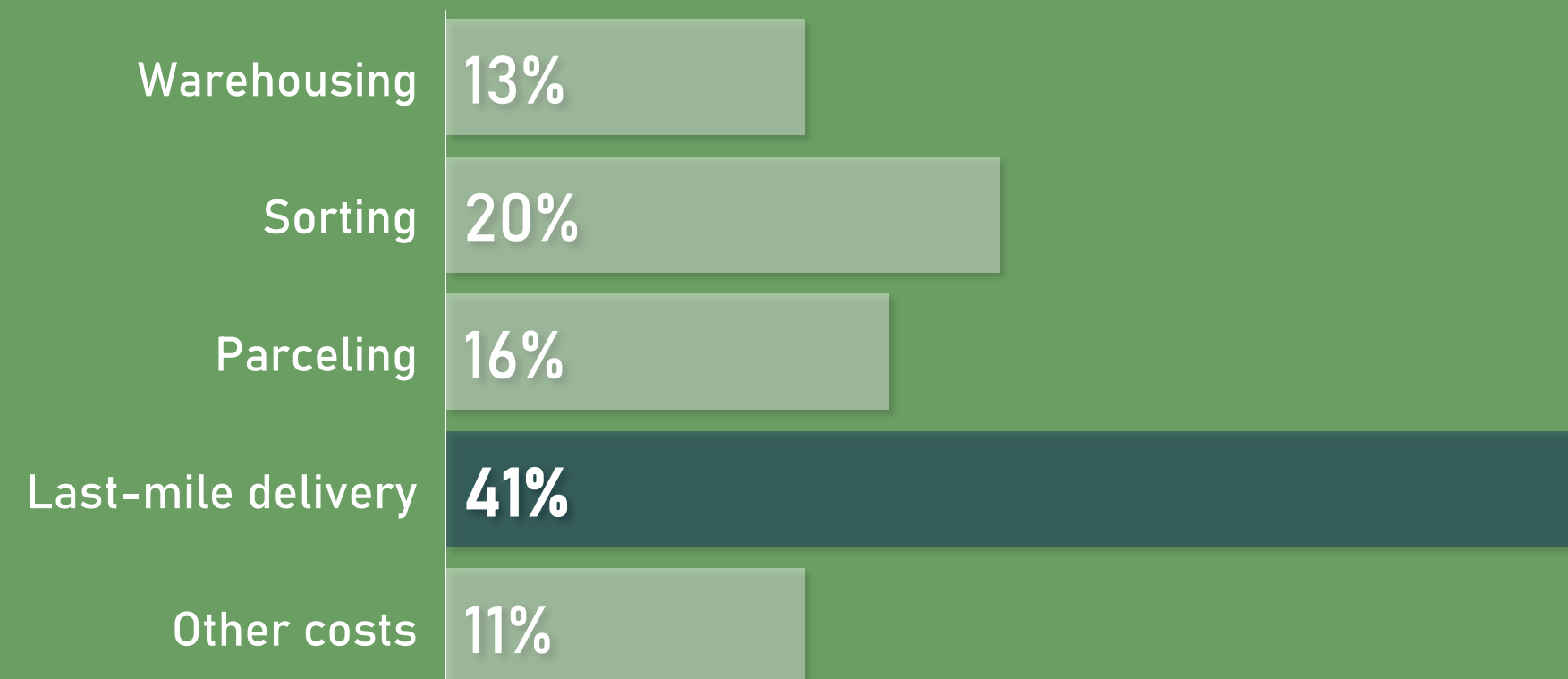


DRIVING RANGE  
UP TO 200 KM

# SAVE ON COST

SAVINGS YOU CAN MAKE TOMORROW

## SUPPLY CHAIN COST STRUCTURE



VERSITILE &  
COMPACT



TURNING RADIUS  
5500 MM

The image shows the interior of a car, focusing on the driver's side. A black leather steering wheel with the 'AVEVAI' logo is prominent on the left. The dashboard features a large LCD HD color display showing a digital speedometer with 'READY' and '0 km/h', a battery level indicator at '80%', and a trip meter showing '00110.0 km'. Below the display are climate controls with 'A/C' and 'HEAT' buttons, and a gear shifter with 'R', 'N', and 'D' positions. A 'START/STOP' button is visible on the left side of the center console. The overall design is modern and minimalist.

# SIMPLICITY

The cabin of the IONA XS has been accurately designed to provide optimal comfort for both the driver and the passenger during their entire workday. It offers a spacious interior that allows for easy entry and exit, ensuring convenience at every step. Additionally, the cabin is built to last, ensuring durability and longevity.

1. LCD HD color display
2. USB charger
3. Power steering wheel
4. Air conditioning
5. LED headlights and taillights
6. Storage compartments
7. Acoustic Vehicle Alerting System
8. Electric windows
9. START/STOP button





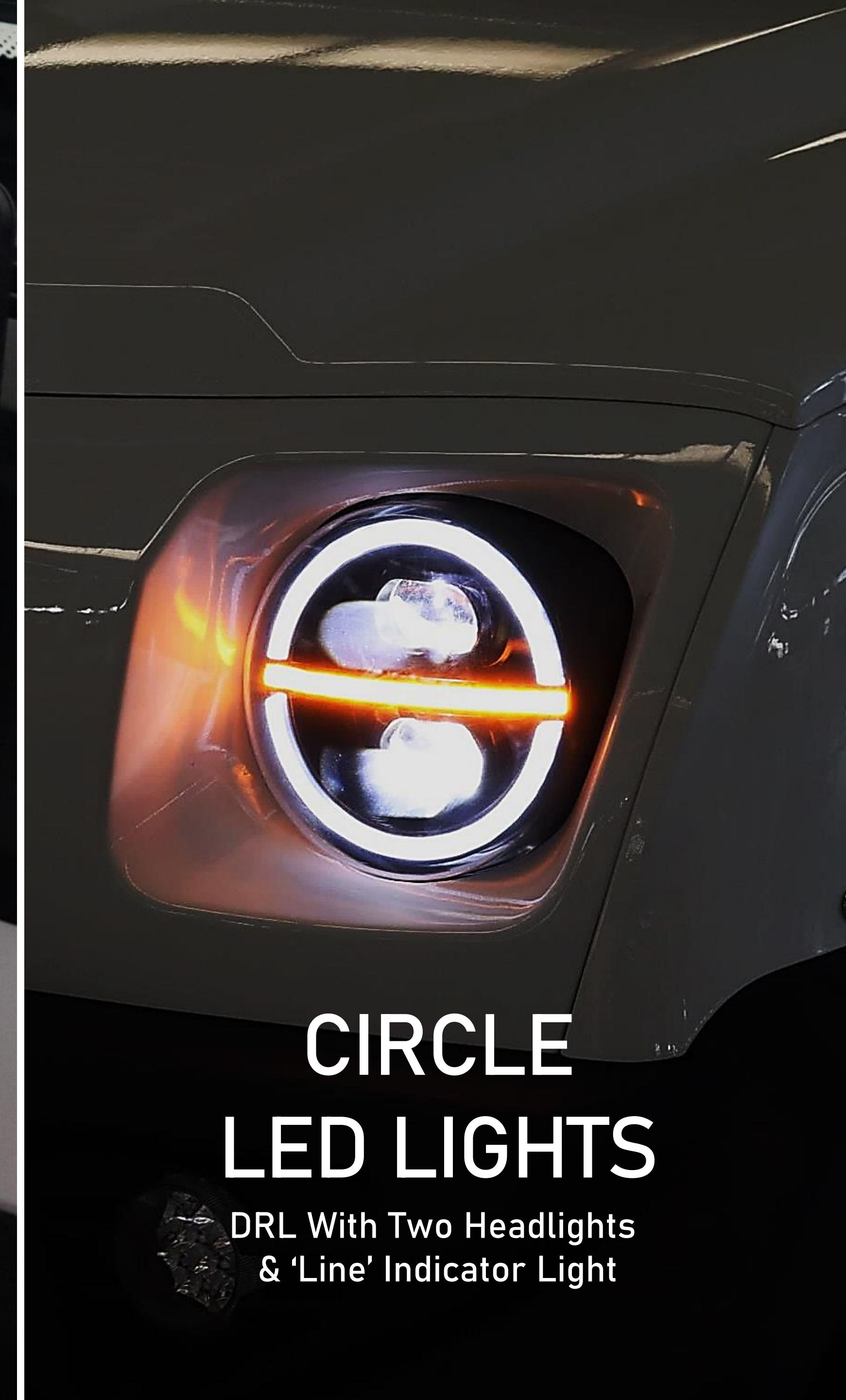
## COMFORTABLE SEATS

Large Interior Space  
And Legroom



## SIMPLE & FUNCTIONAL

Minimalist Structure  
That Meets The Needs



## CIRCLE LED LIGHTS

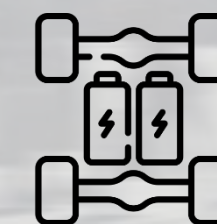
DRL With Two Headlights  
& 'Line' Indicator Light

# PROFESSIONAL IN CITY TRAFFIC

With a range of up to 200 km, shifting to electric mobility is easy. With its agility and its top speed of 75 km/h the IONA XS is a great choice for downtown logistics. It has no tailpipe emissions thus contributing to a cleaner, healthier environment for your neighborhood and children.



POWERED BY  
LFP CELLS



BATTERY PACK  
23 KWH



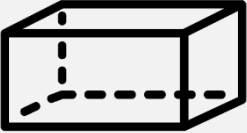
GVWR  
1450 KG



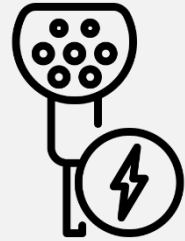
CABIN WITH  
2 SEATS

# MADE FOR SMEs


# DIMENSIONS



CARGO VOLUME  
3+ m<sup>3</sup>

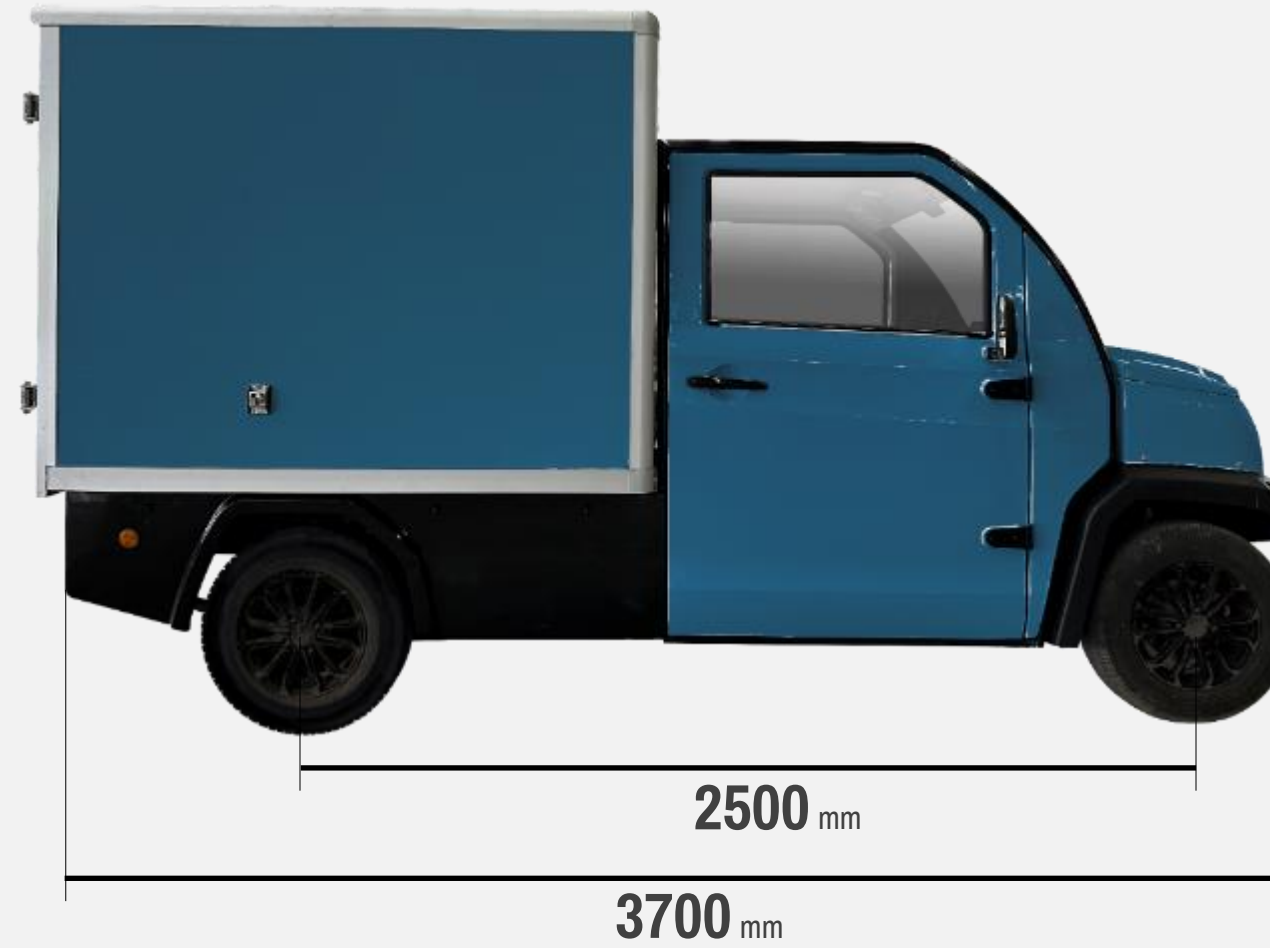


AC CONNECTOR  
EU TYPE 2



PORTABLE  
CHARGER 220 V

### LENGTH & WHEELBASE



### FRONT WIDTH/HEIGHT



### CARGO BOX INNER SIZE



### CARGO BOX OUTER SIZE



### REAR WIDTH

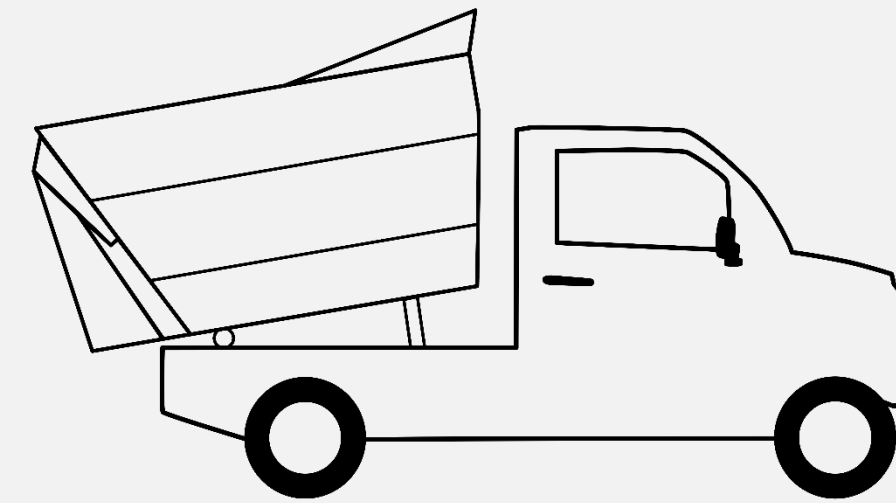


# CONFIGURATIONS

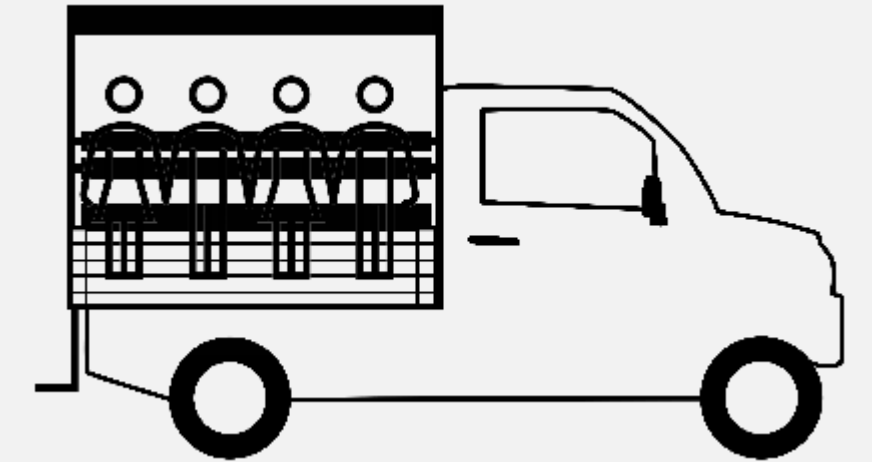
Embrace the power of customization, efficiency, and environmental consciousness with the IONA XS the perfect solution to meet your business requirements while delivering superior performance, cost savings, and a reduced carbon footprint.

IONA XS can work in closed environments and where there are strict environmental zones. IONA XS is no longer a problem within hospitals, shopping malls, university campuses, sporting arenas, natural protected areas and cultural sites.

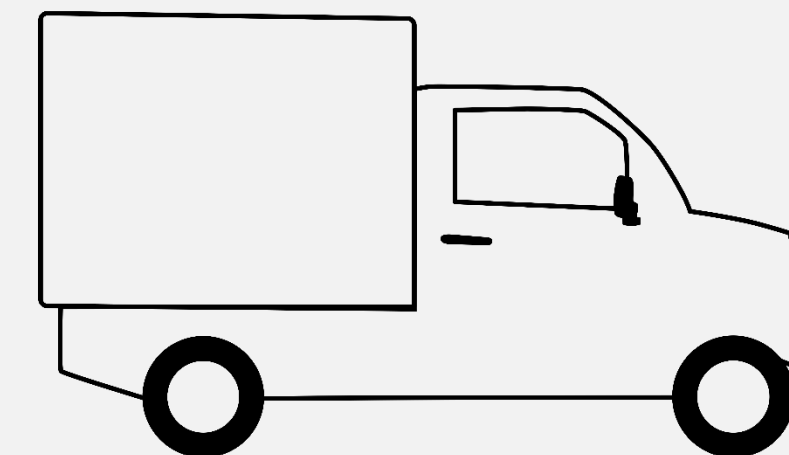
IONA XS is your new profit-maker, and it is designed to fulfill the requirements of your everyday professional life. It could be outfitted in various types of configurations in order to meet your every need: pick up or tipper, box, flat bed, waste collectors and others.



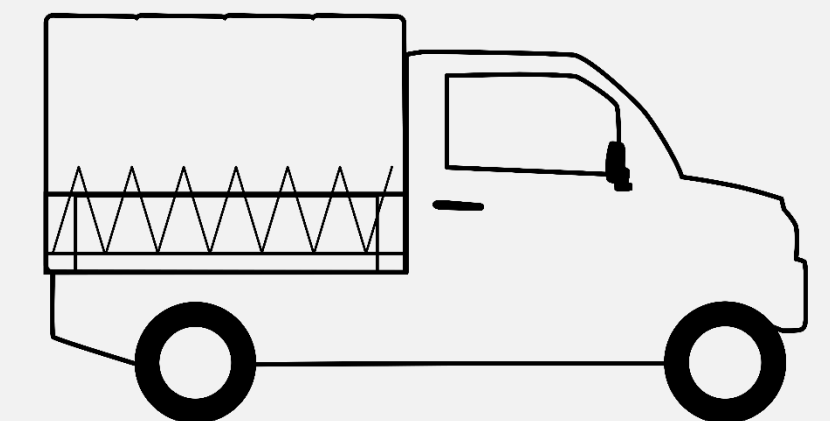
WASTE COLLECTION TYPE



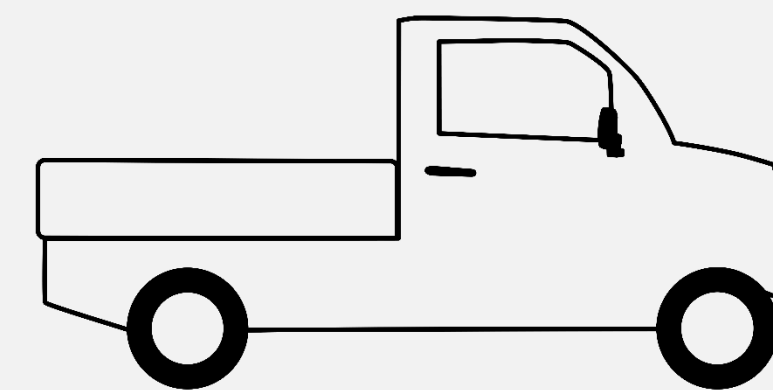
DOUBLE BENCH SEATS TYPE



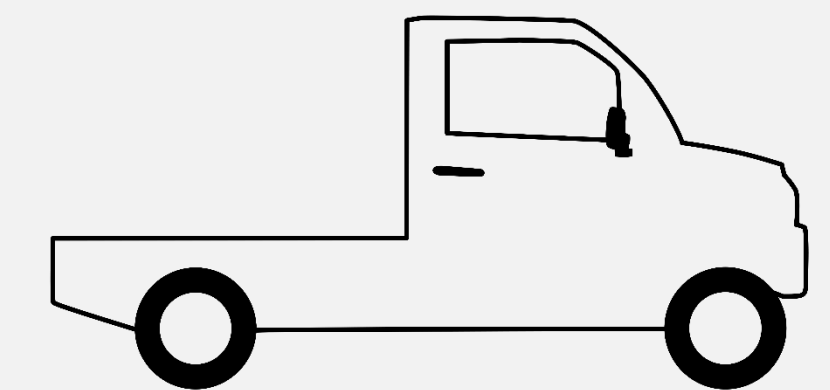
BOX TYPE



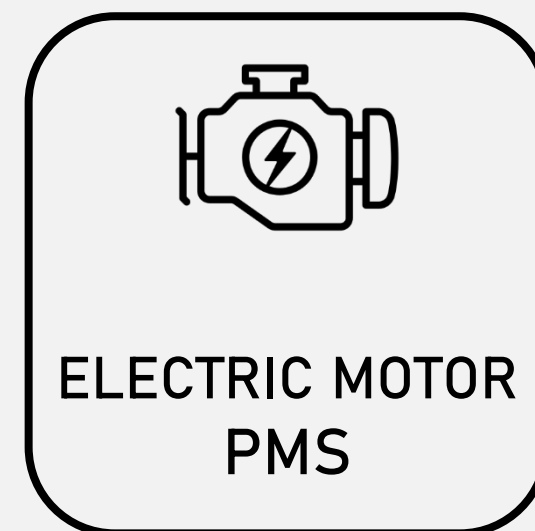
TARPAULIN TYPE



PICK UP TYPE



FLAT BED TYPE



Please consult with your local dealer about the different options available in your country. We can develop special configurations upon request.

# TECHNICAL SPECIFICATIONS | BOX TYPE



## MAIN SPECIFICATIONS

BODY DIMENSION L × W × H (MM)	3700 × 1480 × 2050	MAXIMUM SPEED (KM/H)	75
WHEELBASE (MM)	2500	GRADEABILITY	25%
TRACK WIDTH FRONT / REAR WIDTH (MM)	1165 / 1205	MINIMUM TURNING RADIUS (M)	5.5
MINIMUM GROUND CLEARANCE (MM)	130	ENERGY CONSUMPTION (WH/KM)	5.8
APPROACH / DEPARTURE ANGLE	48.9 ° / 30.1 °	EFFICIENCY (KM/KWH)	17.4
GROSS VEHICLE WEIGHT (KG)	1450	DRIVING MILEAGE IN REAL-LIFE (KM)	200
CURB WEIGHT (KG)	880	BATTERY WARRANTY (WHICHEVER COMES FIRST)	3 YEARS OR 50.000 KM*
CARGO PAYLOAD (KG)	500	VEHICLE WARRANTY (WHICHEVER COMES FIRST)	3 YEARS OR 50.000 KM*

## CHARGING SYSTEM: TYPE 2 (AC SLOW CHARGING ONLY)

ON-BOARD CHARGER OBC (KW)	3.3 KW	CHARGING TIME 20-80% (H)	4.0 H
CHARGING DISTANCE IN 1 HOUR EST. (KM)	20 KM	CHARGING TIME 0-100% (H)	7.0 H

## ELECTRIC MOTOR

MOTOR TYPE	PERMANENT MAGNET SYNCHRONOUS MOTOR	MAXIMUM POWER (KW/HP)	20/27
MOTOR COOLING	AIR COOLED	MAXIMUM TORQUE (NM)	112
DRIVE SYSTEM	RWD	TRANSMISSION	FIXED RATIO

## BATTERY

BATTERY TYPE (AIR-COOLED)	LITHIUM IRON PHOSPHATE (LiFePO4)	BATTERY PACK WEIGHT (KG, ±10)	110
RATED CAPACITY (AH)	150Ah	BATTERY CAPACITY (KWH)	11.52 kWh
NOMINAL VOLTAGE (V)	76.8V	BATTERY PACK ENERGY DENSITY (WH/KG)	104.73

## CARGO BOX

CARGO LENGTH OUTER / INNER (MM)	1755 / 1655	CARGO TYPE	BOX TYPE
CARGO WIDTH OUTER / INNER (MM)	1480 / 1415	CARGO VOLUME (M³)	3
CARGO HEIGHT OUTER / INNER (MM)	1370 / 1295		

## CHASSIS STRUCTURE

BODY STRUCTURE	LOAD-BEARING BODY	BRAKE TYPE	FRONT DISC / REAR HUB
FRONT SUSPENSION TYPE	MCPHERSON INDEPENDENT SUSPENSION	TIRE SPECIFICATIONS	155R13LT
REAR SUSPENSION TYPE	LEAF SPRING NON-DEPENDENT SUSPENSION		

## COLOR OPTIONS

Orange



Blue



Turquoise



White



Titanium silver



### Disclaimer:

The battery pack capacity may/will degrade over time and usage. The actual driving range will vary depending on driving behaviors, charging intervals, driving speed, cargo load weight and weather conditions. The figures shown are for comparability purposes; only compare with other vehicles tested to the same technical procedures and similar vehicle weight class. The charging times are estimates. Charging stations must be Type 2 compatible. The permissible total cargo weight must not exceed. Technical specifications and data are valid at the time of publishing. The product images shown are for illustrative purposes only. Specifications are subject to change without prior notice.

\* For current warranty conditions and details, please consult with the local dealer in your country.

# TECHNICAL SPECIFICATIONS | BOX TYPE



## SAFETY FEATURES

ANTI-LOCK BRAKING SYSTEM (ABS)	REGENERATIVE BRAKING SYSTEM	PEDESTRIAN ALERT SYSTEM AT LOW-SPEED	HILL-START ASSIST CONTROL (HAC)
ELECTRIC POWER STEERING SYSTEM (EPS)	BRAKE OVERRIDE SYSTEM (BOS)	ELECTRIC POWER STEERING	LOW-SPEED PEDESTRIAN REMINDER FUNCTION

## LIGHTING SYSTEM

LED FRONT COMBINATION HEADLIGHTS	REAR COMBINATION LIGHTS	REAR FOG LAMPS	INTERMITTENT WINDSHIELD WIPERS
LED DAYTIME RUNNING LIGHTS	ELECTRIC HEADLIGHT HEIGHT ADJUSTMENT		

## STANDARD FEATURES

IMITATION LEATHER SEAT COVER	SUN VISOR: FLIP	VEHICLE TOOLS	ELECTRIC POWER WINDOWS
CENTRAL LOCK SYSTEM	10" TOUCH-SCREEN MULTIMEDIA SYSTEM	DOOR MULTI-PURPOSE STORAGE BOX	VEHICLE COLOR: WHITE AS STANDARD
REMOTE CONTROL KEY	THREE-POINT SEATBELT	NUMBER OF SPEAKERS: 2	12 VOLT POWER OUTLET
REAR VIEW CAMERA	DRIVER SEATBELT SOUND AND LIGHT ALARM	HEATING	FM RADIO
BLUETOOTH SYSTEM	DOOR AJAR WARNING SIGNAL	AIR CONDITIONING (OPTIONAL)	ADJUSTABLE SEAT HEADREST (UP AND DOWN)
SIDE-DOOR IMPACT BEAM	SEATS: 2 (4-WAY ADJUSTABLE/FOLDABLE)	USB PORT: 1	

CARGO VOLUME 3+ m <sup>2</sup>	AC CONNECTOR EU TYPE 2	PORTABLE CHARGER 220 V	LEFT-HAND DRIVE VEHICLE	RIGHT-HAND DRIVE VEHICLE	TIRE SIZE 155R13CLT	ELECTRIC MOTOR PMS	HOMOLOGATION EU L7e-CU	REGENERATIVE BRAKE SYSTEM	SLOPES UP TO 25%
POWERED BY LFP CELLS	BATTERY PACK 23 KWH	GVWR 1450 KG	CABIN WITH 2 SEATS	LOAD CAPACITY UP TO 500 KG	DRIVING RANGE UP TO 200 KM	MAX. SPEED 75 KM/H	ON-BOARD CHARGER 3.3 KW	VERSITILE & COMPACT	TURNING RADIUS 5500 MM

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# PRODUCTION FACILITY

The Xuzhou, Jiangsu manufacturing facility covers an area of 28 Ha, with a total construction area of over 400,000 square meters.

The employees are from domestic reputable automobile enterprises and large automotive technology research and development institutions. Our team comprises professionals in various fields, including technology, quality control, procurement, production, sales, and after-sales services.



Stamping



Injection Molding



Assembly Line



Testing Line



Frame Welding

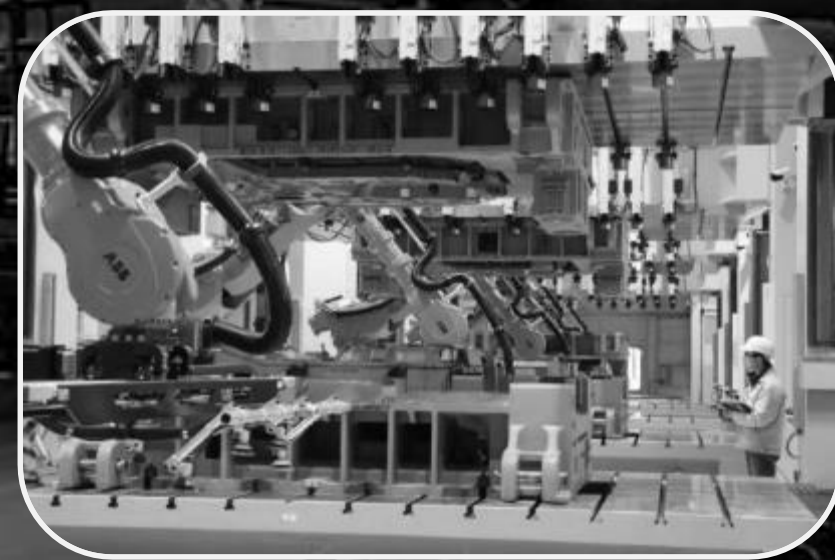
# PRODUCTION FACILITY

In line with the industry's advanced automotive manufacturing technology standards, we have established punching, welding, painting, final assembly, performance testing, and injection molding machine lines. Our production lines are highly automated, allowing for the simultaneous production of multiple models.

The manufacturing capacity: 50,000 units annually



Painting



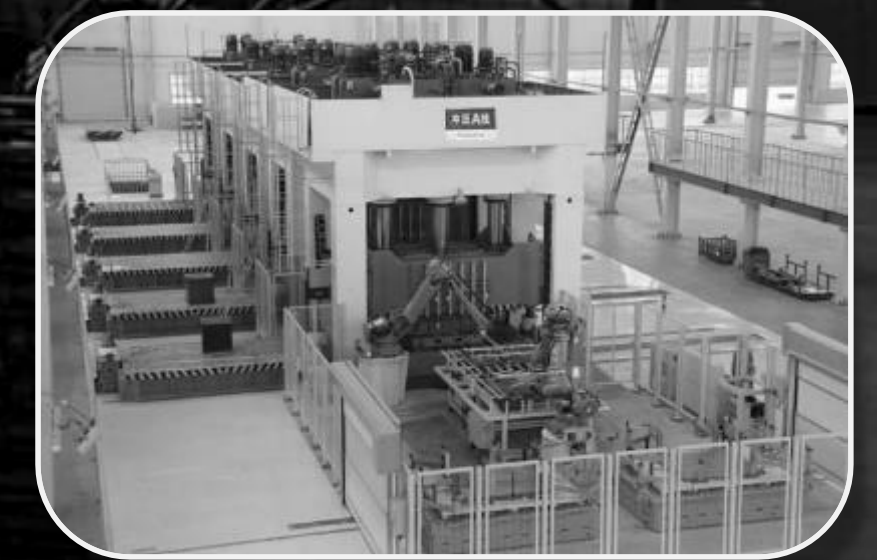
Stamping



Welding



Assembly



Stamping





# IONA XS

Introducing the IONA XS, a revolutionary electric mini truck that sets new standards in versatility and functionality. Designed to cater to the needs of small businesses, the IONA XS is the ultimate workhorse that excels in a variety of environments. Its robust load-bearing body and steel frame chassis guarantee unparalleled durability, ensuring both stability and safety in every situation.

Step inside the IONA XS, and you'll discover a comfortable and spacious cabin designed with the driver's utmost comfort in mind. With its agile and fast-driving capabilities, this mini truck effortlessly navigates through urban landscapes, all while maintaining a serene and noise-free environment. Thanks to its electric powertrain, the IONA XS operates silently, contributing to a pollution-free atmosphere and reducing noise pollution.

No matter the task or the setting, the IONA XS proves to be a reliable and efficient companion for small businesses. Its adaptability and eco-friendly nature make it the perfect choice for those seeking a powerful and sustainable solution. Experience the future of urban transportation with the IONA XS, where practicality, performance, and environmental consciousness seamlessly blend.

## Warranty

 <p><b>BATTERY WARRANTY</b> 3 YEARS OR 50,000 KM (WHICHEVER COMES FIRST)</p>	 <p><b>VEHICLE WARRANTY</b> 3 YEARS OR 50,000 KM (WHICHEVER COMES FIRST)</p>
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For current warranty conditions and details, please consult with the local dealer in your country.

## Certificates

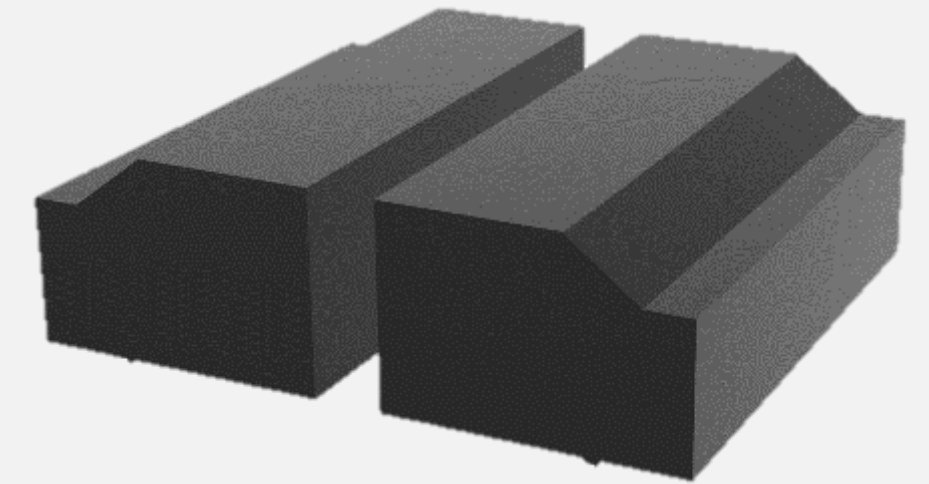


ISO14001-2015  
ISO9001-2015

ISO9001-2015  
GB/T19001-2016

CCC  
EU WVTA

## Battery Packs



SINGLE PACK	11.5 kWh / 120 km
DOUBLE PACK	23.0 kWh / 200 km

BATTERY SUPPLIER:

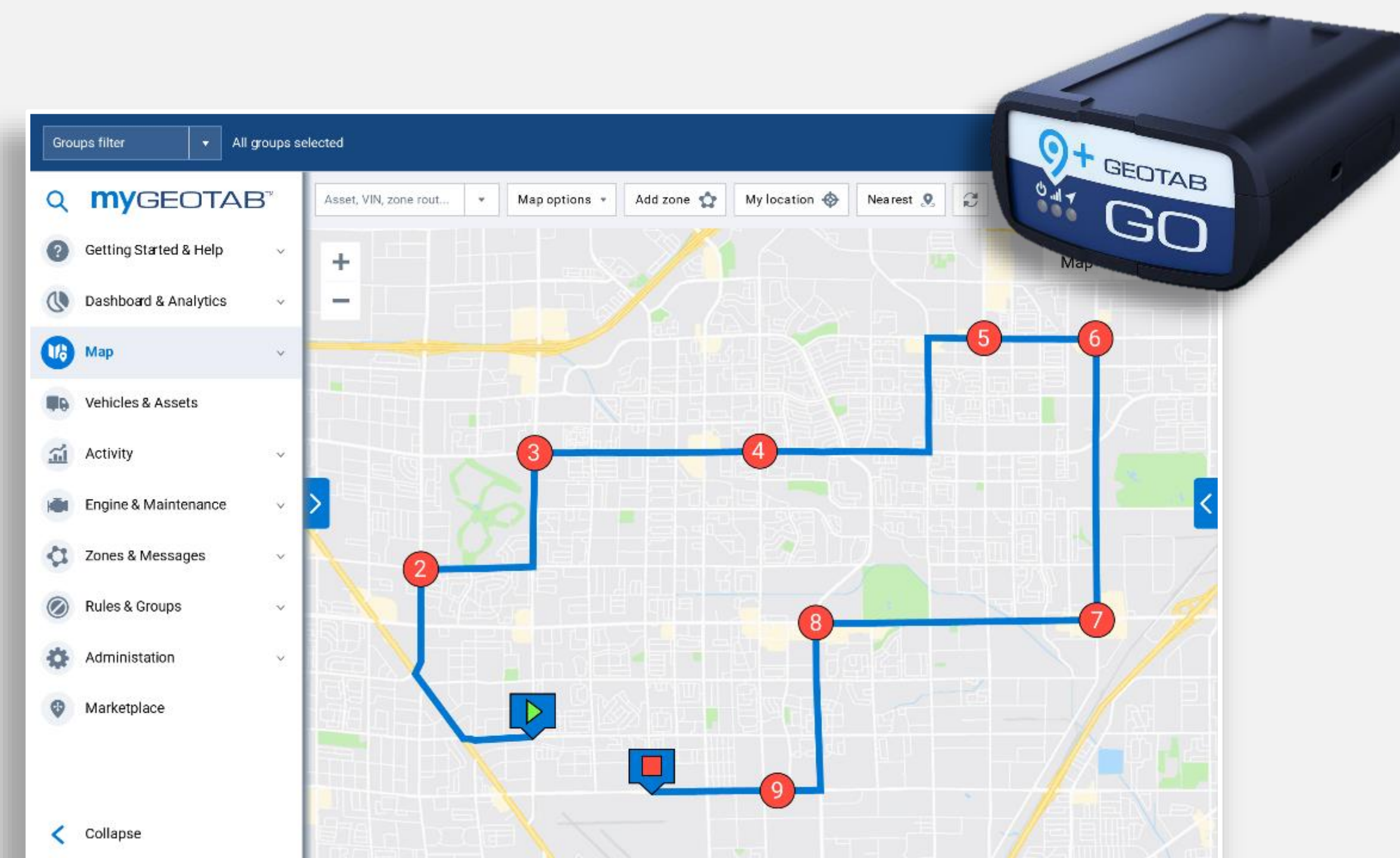


[www.avevai.com](http://www.avevai.com)

# GEOTAB<sup>®</sup> FLEET TELEMATICS

## What are the benefits of telematics?

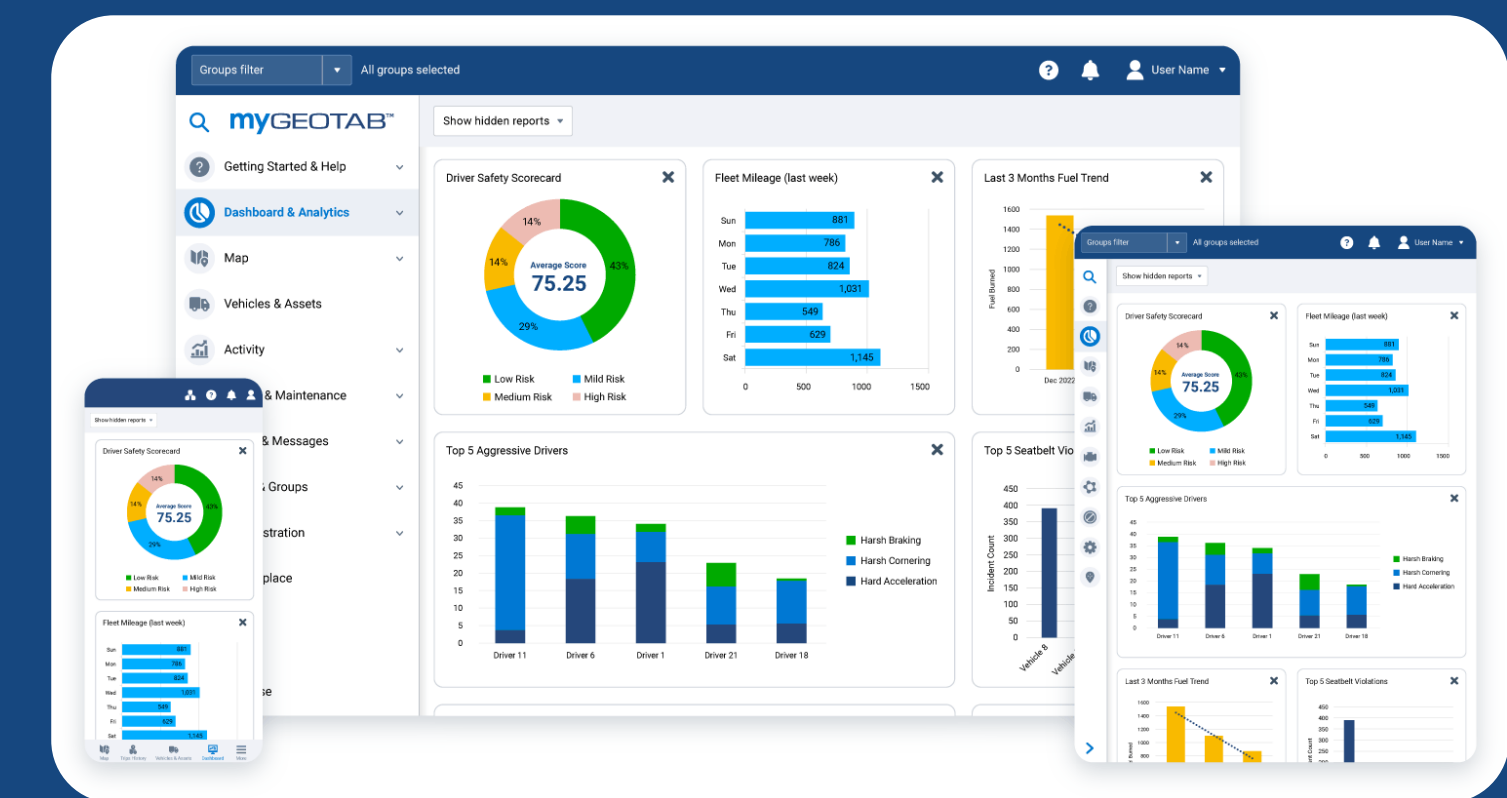
Telematic devices are easier to get up and running. Because they are pre-installed, a simple remote and contactless activation makes them operational. There is no vehicle downtime for installation and no additional hardware costs.



# IONAXS

- Electrify your fleet with confidence
- Optimize your electric fleet operations
- Know your EV charging costs

The installed devices of GEOTAB capture the broadest and richest streams of vehicle data giving fleet managers more information about their vehicles and drivers. More information means better visibility, more control and better business outcomes.



# AVEVAI

Singaporean brand



**AVEVAI PTE LTD**

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Website: [www.avevai.com](http://www.avevai.com)

IMPORTANT This digital information document is a guide. We have tried to make the information comprehensive and factual, but errors and changes can occur. AVEVAI and its dealers may change price and specifications at any time and may discontinue items depicted without notice and without obligation. This brochure was developed for Singapore specification vehicles only. Vehicle configuration and / or products shown may vary by region due to compliance regulations. Please consult your local dealer for further information.