

AA-Cargo



aidea

Save our Earth with an electric vehicle

A significant issue that we are facing now is Global Warming.
One of the solutions is ZEV, Zero Emission Vehicle.

Compact, energy-efficient electric vehicle can be considered as contribution
to our environment and society.

aidea AA-Cargo can be your first step towards contributing to our earth.
We hope our product contributes to the planet.



Environment

Mitigation of Global Warming through decarbonization

Utilization of renewable energy

Contribution to Sustainable Development Goals (SDG)

Society

Free from noise and air pollution

Energy supply in case of disaster

Optimal size for area of high population density

Transport in area of low population density

Business

Reduction of running costs

Loading performance

Accelerating performance, climbing performance

Safety, comfort

Solving various issues and building a prosperous future



Environmentally Friendly

During the UN summit in 2015, one of the adopted keys to achieve SDGs (Sustainable Development Goals) was ZEV (Zero Emission Vehicle) Usage. AA-Cargo will provide environmentally friendly mobility or mobile solution.

Friendly to Society

Next-generation mobility should not only coexist with society but also contribute to society. AA-Cargo is a mobility that can "help people" with features not to be found in existing vehicles and cars.

Reduction of CO₂ Emissions



Approximately 18% of CO₂ emission, 213 million tons per year in Japan, comes from the transportation sector, including private and commercial vehicles, airplanes, and ships. The effort to become low CO₂ emission society is the issue that we all encounter.

By replacing gasoline engine vehicles with electric vehicles, it is possible to reduce approximately 1.1 tons / year * per vehicle. The implementation of electric vehicles that do not emit CO₂ when driving is the first step in improving global warming and achieving a prosperous future.

* Monthly mileage 1,000 km, fuel consumption 30 km / L (Source: Ministry of Environment Japan)

Renewable energies friendly

Vehicles powered by electricity, which can be produced from renewable energies such as solar, wind and hydropower, instead of the limited fossil energy "gasoline", have a lower environmental impact and are considered as sustainable mobility.

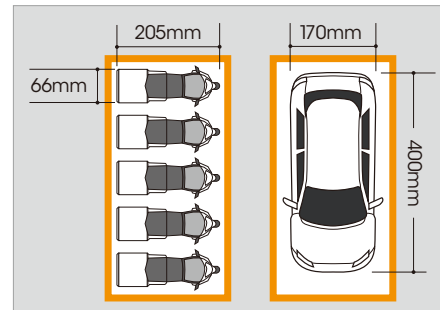


Movable Energy Storage Battery



AA-Cargo is equipped with a 4 kWh large capacity battery which is useful as a storage battery. In Japan, electricity is cheaper during the nighttime and battery can be charged at night and used during the daytime. As a result, it contributes to leveling the power load (peak shift). In addition, taking advantage of the unique capability of a vehicle, it will be possible to use electricity anytime and anywhere as a "portable power source". It can also be used for power supply during outdoor events or disasters.

Optimal Size in city



A vehicle that is less than half the size of a small passenger car both vertically and horizontally. This compact size can solve various problems in urban areas such as lack of parking lots, narrow roads and traffic jams. This is an extremely efficient logistic solution for a single person with small amount of luggage.

Low Noise Level



There is no noise when starting the Electric vehicles and no engine noise while idling. You can drive the electric vehicles without hesitation in the early morning or night around residential area. Furthermore, electric vehicles can be used in indoor such as warehouses as electric vehicles do not emit any CO₂.

Supporting Business

AA-Cargo can be a good business partner for your business. It reduces the problems of conventional commercial vehicles, but also has the potential to create new business opportunities.

Low Running Costs



Comparing to the cost required to ride 1km, an electric vehicle costs about 1/3 of an engine vehicle. Thus, the more you ride in terms of distance, the more you save. Regular maintenance such as engine oil is not required; reducing both labour and costs. Furthermore, the risk of repair is minimized because the amount of parts that make up the vehicle are relatively small. It is a lot less hassle than refueling at gas stations.

Excellent Loading Capacity



The motor, which is the power unit of an electric vehicle, has a different output characteristic from the gasoline engine, and generates the maximum torque (the force to turn the wheels) as soon as the accelerator is opened, accelerating the vehicle quickly and smoothly. It is especially effective in situations where a heavy object is loaded and climbing a hill.

* The strong loading platform can hold up to 100kg of luggage. Boxes can be attached according to the customer's application.

Comfortable and Safe



Front screen and roof protect riders from cold rain and harsh sun. The wiper with a washer function ensures good visibility even in rainy weather, and enables comfortable driving.



A three-wheel structure with one front wheel and two rear wheels provides a comfortable and stable ride. Even those who are not used to riding vehicles can ride with confidence.

Stylish



aida's electric vehicles are all designed in Italy. The unique design from Italy, a fusion of tradition and modernity, brings joy to viewers and riders. It also helps to emphasize the uniqueness and advance of the company.

(2018 Good Design Award Winner)



**GOOD DESIGN
AWARD 2018**

Supporting business with tough loading platforms, 3-wheel EV that is friendly to the environment and society

- 4 kWh large capacity battery
- Screen with wiper and roof
- 13 inch front and rear wheels
- Right and left independent rear suspensions
- Large loading platform with a maximum loading capacity of 100 kg
- Back-gear function

Model	Battery	Input Voltage	Power
AA-Cargo α	4 kWh	200V AC	3 kW (Max Power) 0.6 kW (Rated Power)
AA-Cargo β			6 kW (Net Power) 1 kW (Rated Power)





LED headlight that illuminates the road surface brightly and increase visibility and ensure rider safety.



Full-color LCD meter that graphically displays speed, battery level, mileage, etc.



In addition to 200V outlet, J1772 socket enables charging with ordinary charger for automobiles.



Combination brakes (front and rear disc brakes) that link the front and rear to provide stable braking force.



Roll lock lever to fix the vehicle vertically and parking lever to fix the vehicle in the front-rear direction.



Two USB power sockets (5V1A / 5V2A) that can supply power to mobile devices.



Right and left independent suspension rear suspension that enables stable running on rough roads and steps.



Large, flat loading platform (with loading hook) for various applications.



aidea design and service center in Italy (Rome)

ITALIAN DESIGN X JAPAN QUALITY

AA-Cargo is designed in Italy and produced under strict quality control in Japan.

Please confirm the design that makes you feel the joy of owning and the quality that realizes a comfortable daily life.



aidea production factory (Sagamihara city, Kanagawa)

Specifications

Model	AA-Cargo α	AA-Cargo β
Length x Width x Height	2,050 mm x 660 mm x 1,690 mm	
Seat Height	720 mm	
Capacity	1 Passenger	
Weight of Vehicle	214 kg	
Motor Type	Brushless DC Wheel Hub Motor	
Max Power	3 kW	6 kW
Max Speed	45 km/h	72 km/h
Gear Box	Integral Wheel Hub Motor	
Battery Type	Lithium Ion 48 V	
Input Voltage	200 V AC	
Battery Capacity	4.0 kWh	
Charging Time	around 80 mins	
Range per Charge	80 km (at constant speed of 30 km-h)	80 km (at constant speed of 30 km-h)
Suspension	Front	Φ41 Hydraulic Telescopic
	Rear	Single Shock with Preload Adjustment Mechanism
Tires	Front	120/70 - 13"
	Rear	130/60 - 13" x 2
Brakes	Front	Φ210mm Disc
	Rear	Φ210mm Disc x 2
Waterproof and Dustproof Performance	IP65	
Warranty	Up to 2 years or 30,000km (Battery Guaranteed 50% of capacity)	

- This catalog was created in February 2020. Information are subject to change without notice.
- Actual specification, color, equipment and other details of vehicle may differ.

Options

We have three sizes of boxes that can be used for various purposes such as business and leisure. Made of lightweight and strong FRP.



220ℓ type
Dimension
620mm(Width)
520mm(Depth)
820mm(Height)



322ℓ type
Dimension
735mm(Width)
775mm(Depth)
665mm(Height)



215ℓ type
Dimension
635mm(Width)
635mm(Depth)
620mm(Height)



160ℓ type
Dimension
615mm(Width)
540mm(Depth)
635mm(Height)

Custom Order

Custom orders are also available, such as inputting company name and brand logo stickers and changing body colors. Please feel free to contact us.



aidea Co., Ltd. - aidea Srl

2-5-4 Akasaka, Minato-ku, Tokyo, 107-0052 Japan
Via Ardeatina, 2479, 00134 Roma - Italy
Tel: +39-067130-2211 Tel (JP): +81-3-6427-3600
E-mail : info@aidea.net



www.aidea.net



www.aidea.style