



EV Motors Japan

EV Motors Japan Co., Ltd. Company Profile



Company Overview

Company Name: EV Motors Japan Co., Ltd.

Headoffice location(With exhibition hall): Kitakyushu City, Fukuoka Prefecture

Sales office: Fukuoka City, Fukuoka Prefecture
Chiyoda-ku, Tokyo

Capital: 10 million yen

Representative director: Yuji Sato

Established date:April,2019

Main business:

- Sales and maintenance of commercial electric vehicles and charging stations
- Commercial electric vehicle leasing, rental, ESCO business

Handling EV vehicle models

- ✓ EV bus (minibus, route bus, high-decker type)
- ✓ EV light truck
- ✓ EV heavy truck
- ✓ Specific vehicles such as EV garbage trucks, etc.

Technology Strength



Development for high efficiency battery utilization system

EVM has been developing charge / discharge application systems for lithium-ion batteries more than 30 years. EVM has experience and achievements in battery life extension, deterioration prevention, deterioration diagnosis, charge / discharge capacity inspection, life inspection, and safety test system. EVM has technology to support the safety of lithium-ion batteries around the world. EVM has released various type of EV vehicles to achieve the highest class low power consumption rate and battery deterioration prevention function using these technology.

Development of high performance inverter for EV vehicles of commercial use

EV vehicle for commercial use made by EVM is equipped with a water-cooled, IP67 waterproof, and high-efficiency inverter with a proprietary multi-CPU, achieving the highest level of low power consumption, long battery life, and safety. As a result, our mass-production models have a long cruising distance (more than 200km in WLTC mode) and the same price range as the fuel cell vehicle.

Developing automatic driving technology of level 4

EVM plans to build a final assembly plant for mass-production model of EV vehicles in Fukushima Prefecture with a test driving course including automatic driving. And , we are trying to developing Level-4 class automatic driving system for EV commercial vehicles. We are challenging to realize safe and fully automatic driving system for EV commercial vehicles with the latest various high-performance sensors technologies(DGPS, laser radar, 3D camera, etc.).

Vehicle Introduction ~EV Trike~



The FUNC series is an EV trike for small delivery, and has a good balance between the mobility of a motorcycle and the transportation capacity of a truck.

This series is used for express services and retail delivery.

The car body weight is made lighter by devising materials and construction methods.

It can load various container sizes.

FUNC CARGO COOL is a model equipped with refrigeration function.

The refrigerating function can control the temperature from -18 °C to 10 °C.

It can efficiently deliver beverages, perishables, flowers and other refrigerated products for cold chain delivery.

It is only 980mm width, so it's easy to drive and to park in tight spaces.

It can run about 70km on a single charge.



We can prepare various lineups according to the purpose such as delivery, sightseeing, advertising etc.

Vehicle Introduction ~EV Bus~



It is a compact 30-seater minibus that can travel up to 230 km.

In the disaster, it can be as a mobile power supply vehicle equipped with a large capacity battery.

It is a large route bus that can travel up to 250 km.

In the disaster, it can be as a mobile power supply vehicle equipped with a large capacity battery.

-Functions-

1. Low floor flat structure
2. Uses composite materials of latest long-life and lightweight for EV chassis and frame (20-years long-life assurance)
3. Realization of long-distance driving with the highest class low power consumption system(in WLTC mode 250km)
4. Battery control system that suppresses deterioration
5. Battery can be selected according to the purpose (Long life type, cold region type, non-combustible specification, ultra-quick charging type, low cost type)
6. Flexible solar panels can be mounted on the side and ceiling of the car body



We can prepare various lineups according to the purpose of sightseeing, transportation, etc.

Thank You

Insert the Sub Title of Your Presentation

