



ASIAN DRAGON INTERNATIONAL
Delivering the precise market information you need to maximize your income and meet your needs

SUSTAINABLE FUTURE.



Our Supplier



349th
The 349th of the top
forbes 500 companies



109
Products exported to
109 countries and
regions in 7 continents



20
Brand value:
USD 20 billion



35.43
Total revenue USD 35.43 billion
Net profit USD 1,617.12 million

Our Supplier is the world's largest supplier of rail transit equipment with the most complete product lines and leading technologies. Its main business cover R&D, design, manufacture, repair, sale, lease and technical services for rolling stock, urban rail transit vehicles, engineering machinery, all types of electrical equipment, electronic equipment and parts, electric products and environmental protection equipment (including electric vehicles, sewage processing device, photovoltaic and wind turbine), consulting services, industrial investment and management, asset management, import and export.



Our Supplier is a key subsidiary of the world's largest rail transit equipment supplier, inherits leading innovations from the high-speed train and dedicated to developing zero-emission public transport solutions.

Our Supplier is the first clean energy commercial vehicle manufacturer in China, it expanded the core technology from railway to electric vehicles, developed motor, controller, converter system and network system, etc. It offers 5-24 meters of pure electric, plug-in, fuel cell, diesel, Sanitation and logistic vehicles, suitable for inner-and inter-city transportation, highway, tourism and special applications.

Our Supplier has seven production bases across the country with an annual production capacity of 30,000 vehicles, 50,000 sets of electric drivetrains and 1,000,000 kWh battery packs.



175,000 sets
of drivetrain sold



55,000 sets
vehicle product sold



2,410 million
in sales revenue from 2018 to 2022

Global Presence



Global Presence



A comprehensive testing system let nothing go wrong

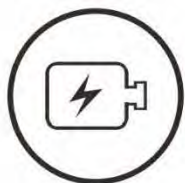


The Three-Tier Testing System is a national authorized testing system, certified by the China National Accreditation Service for Conformity Assessment (CNAS). The tests start from the very inside-parts, extending to components and complete vehicles, ensuring every product leaves the factory with no flaws.



Vehicle & Environment Test

- Vehicle Comprehensive Test Laboratory
- Vehicle EMC Test Laboratory
- Vehicle Wading Test Laboratory
- Vehicle Rollover Test Laboratory
- Vehicle Climbing Performance Test Laboratory
- Vehicle Vibration Test Laboratory



System Test

- System Dynamic Characteristics Laboratory
- Network Control Test Laboratory
- Energy Storage Test Laboratory
- Vibration Environment Test Laboratory
- High Temperature & Humidity Test Laboratory
- Waterproof Test Laboratory



Key Component Test

- Semiconductor R&D Center
- Sensor Comprehensive Performance Laboratory

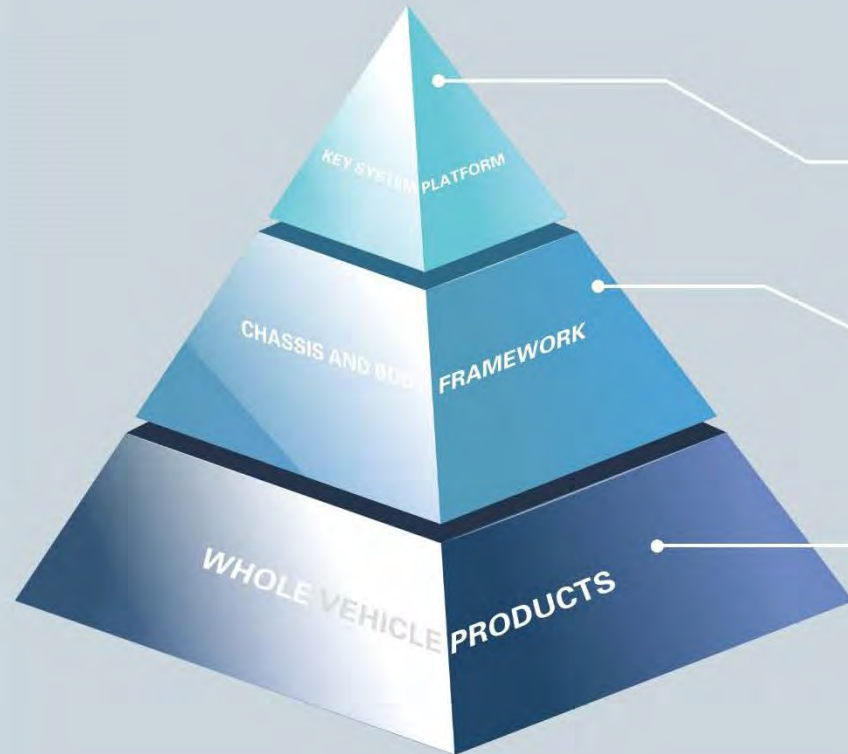


A well established industrial chain facilitating a flexible business model



**EVERYTHING
UNDER THE SUN**

<http://AsianDragonIntl.com>



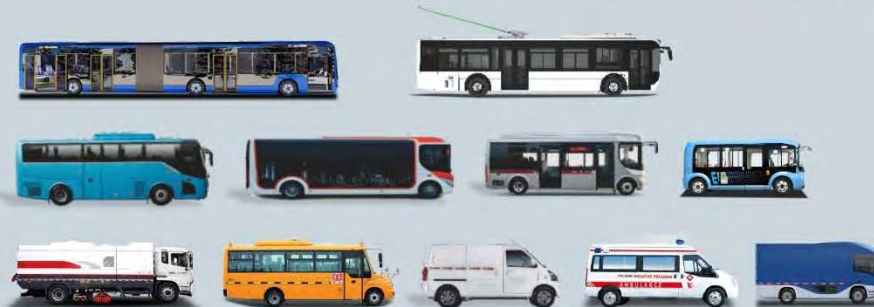
KEY COMPONENT



CHASSIS AND BODY FRAMEWORK



WHOLE VEHICLE





2018



DESIGN
AWARD
2018

Drive the future with a smart drivetrain system – “T-POWER6”

As the winners of the Reddot and IF Award, the T-Power series is a kind of E-drive train that drives clean energy vehicles to achieve their best performances. Launched in 2019, the 6th generation of T-Power integrated the “5G bus concept”, featuring faster operation data processing, longer lifespan, lighter weight, more efficiency in energy consumption and more importantly, safer for your passengers. The all new T-power 6 is certainly the drivetrain that boosts the vehicle’s performance and brings value to your business.



Transmission Assembly



DM5 Control Assembly



AMT Transmission Assembly



DE5 Control Assembly



Reliability

Over 10 years of stable operation

Accumulated mileage of all vehicles:

Over 13,000,000,000km

The number of conventional vehicle tests
and new energy tests passed:

80

Availability

24x7 Continuous operation

350 km Daily operation mileage



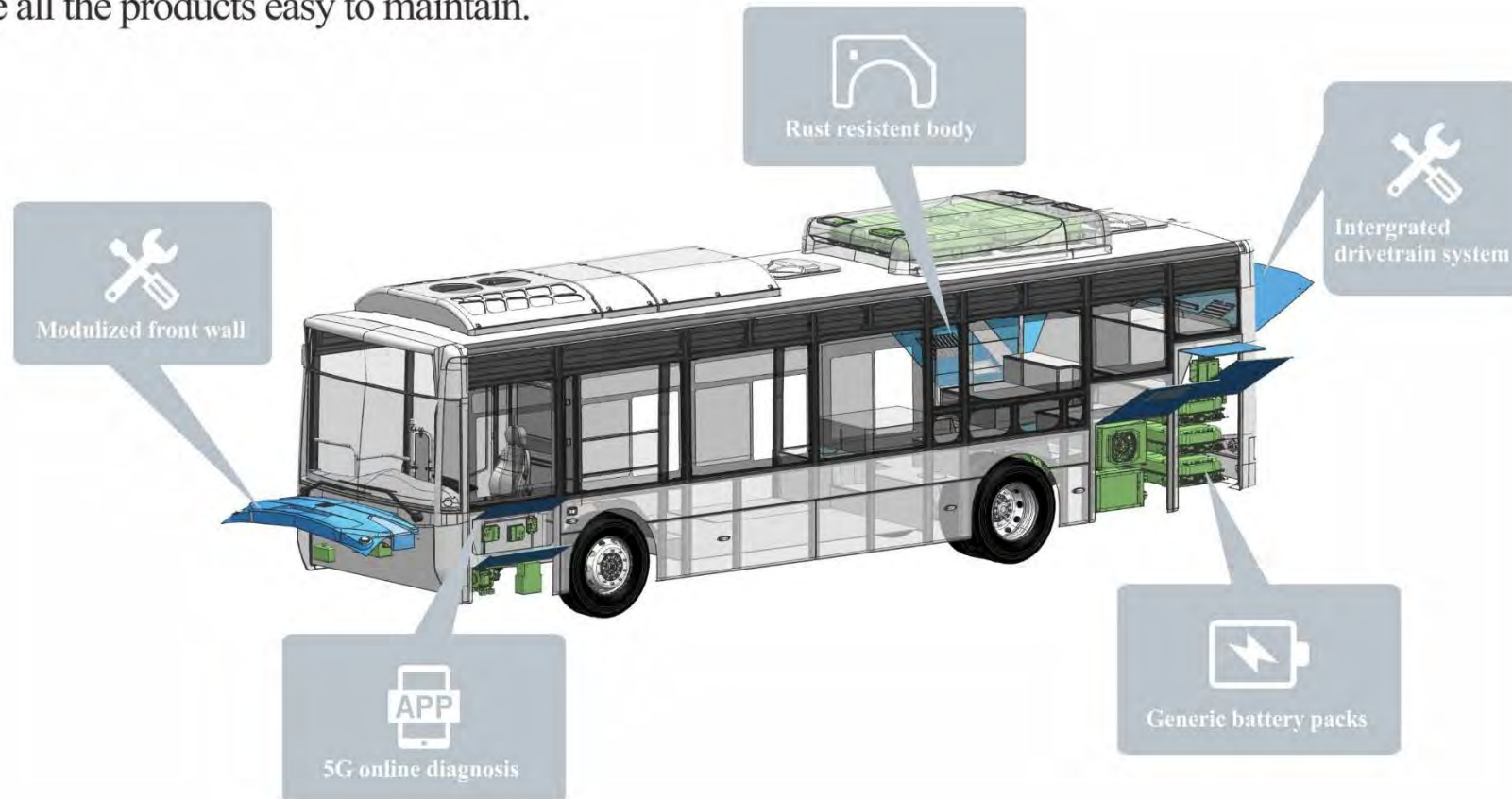
Extreme Environmental test

—
electric vehicles have a long driving range, and meet various extreme operating conditions such as high temperature, low temperature, high humidity and altitude, and provide excellent availability compare to conventional vehicles.

Maintainability



A well thought out design with ingratiation of ergonomics concept, with standardized, generic, serialized, modulized vehicle parts made all the products easy to maintain.



Safety

Structural Safety



CAE analysis technology
Monocoque technology
High strength car body materials

High Voltage Safety



Whole vehicle layout
Insulation treatment
Highly integrated electric drive system

Wading Safety



Normal operation on flooded road
IP68 protection level

Active Safety



Cloud 5G
AEBS emergency braking system
Lane departure warning system
Forward collision avoidance warning system

M Manufacture



Smarter production line makes everything precisely right

As a major clean energy vehicles manufacturer, to meet the fast-growing market demands for high quality, quick delivery and customer-tailored products, has established a highly intelligent production system, deployed ERP, MES, PLM, CRM to make sure every piece of work is a masterpiece. In 2015 was entitled as the first batch of demonstration intelligent manufacturers by the Ministry of Industry and Information Technology of China.



Welding Robot



Automatic Conveying



Painting Robot



Automatic Electrophoresis



AGV logistic Car



Intelligent Assembly

Intelligent-driving Bus



Hill-start assist



Anti-slip regulation



Radar perception



Automatic emergency braking



Lane departure warning



Forward collision warning



360°surround view



Intelligent parking



Based on Changsha smart bus line in China, it adopts the technologies of single bus intelligence + Cooperative Vehicle Infrastructure System (CVIS), and cooperates with local governments to carry out smart bus operations, providing bus L3 intelligent driving demonstration solutions.



The forward design of 5-meter unmanned micro-circulation bus realizes the unmanned demonstration operations in limited closed scenarios, providing L4 automatic driving demonstration solutions.



It has obtained open road test licenses for intelligent connected vehicles (ICVs) in Changsha, Deqing, Shanghai and Chongqing in China, Paris in France and other places around the world, accumulating more than 50,000 kilometers of automatic bus driving mileage. The horizontal and vertical control in vehicle-end is the industry-leading.

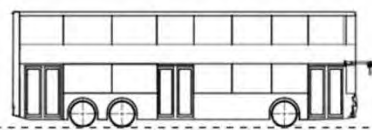
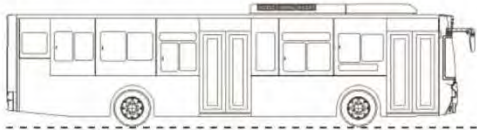
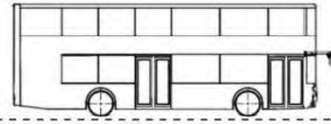
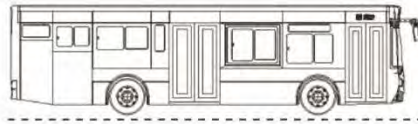
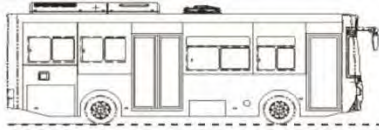
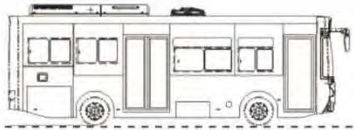
Lateral control accuracy $\pm 20\text{cm}$
Longitudinal control accuracy $\pm 50\text{cm}$



City Bus — Aluminum alloy/Stainless steel body series

With multiple variants and choices of equipment options, we can provide the perfect bus for practical different city travel requirements. You are sure to find the model to suit your practical needs. The aluminum alloy/stainless steel bodyframework helps cut the weight of the whole vehicle and provides superb corrosion resistance performance.





5-7m

Pure electric				Fuel cell
Fast charging	Normal charging	Trolley bus		
		Single-mode	Dual-mode	
●	●			

8-9m

Pure electric				Fuel cell
Fast charging	Normal charging	Trolley bus		
		Single-mode	Dual-mode	
●	●			●

10-11m

Pure electric				Fuel cell
Fast charging	Normal charging	Trolley bus		
		Single-mode	Dual-mode	
●	●			●

11-15m

Pure electric				Fuel cell
Fast charging	Normal charging	Trolley bus		
		Single-mode	Dual-mode	
●	●	●	●	●

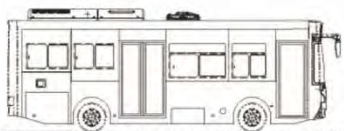
18-24m

Pure electric				Fuel cell
Fast charging	Normal charging	Trolley bus		
		Single-mode	Dual-mode	
●	●	●	●	●

City Bus — Carbon steel body series

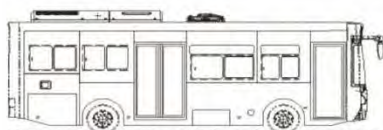
With multiple variants and choices of equipment options, we can provide the perfect bus for practical different city travel requirements. You are sure to find the model to suit your practical needs. Carbon steel builds solid body frameworks and the electrophoresis process makes it more durable and anticorrosive.





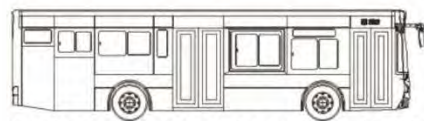
5-7m

Pure electric		Hybrid	Diesel	LNG/CNG
Fast charging	Normal charging			
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>			



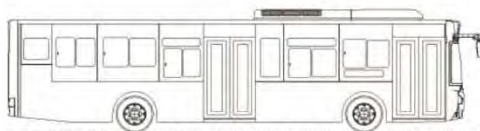
8-9m

Pure electric		Hybrid	Diesel	LNG/CNG
Fast charging	Normal charging			
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



10-11m

Pure electric		Hybrid	Diesel	LNG/CNG
Fast charging	Normal charging			
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



11-15m

Pure electric		Hybrid	Diesel	LNG/CNG
Fast charging	Normal charging			
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>



18-24m

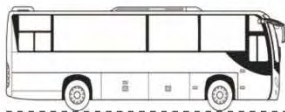
Pure electric		Hybrid	Diesel	LNG/CNG
Fast charging	Normal charging			
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Product

Intercity Bus

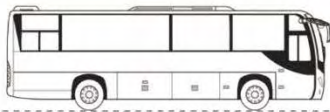
The intercity buses are perfect for city commuters, and it cuts off the use of private cars, helping to reduce traffic congestion and carbon emissions. With our battery-electric products, daily commuting leaves no carbon footprint, creating a clear sky for local residents.





8M

Pure electric		Hybrid		Diesel	
Stainless steel body	Carbon steel body	Stainless steel body	Carbon steel body	Stainless steel body	Carbon steel body
	●				



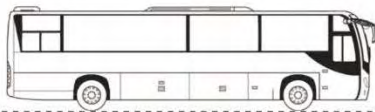
9M

Pure electric		Hybrid		Diesel	
Stainless steel body	Carbon steel body	Stainless steel body	Carbon steel body	Stainless steel body	Carbon steel body
●	●	●	●		



10M

Pure electric		Hybrid		Diesel	
Stainless steel body	Carbon steel body	Stainless steel body	Carbon steel body	Stainless steel body	Carbon steel body
●	●				



12M

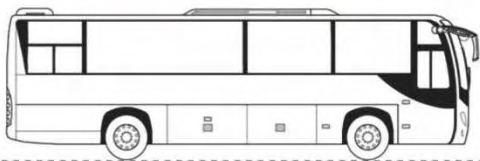
Pure electric		Hybrid		Diesel	
Stainless steel body	Carbon steel body	Stainless steel body	Carbon steel body	Stainless steel body	Carbon steel body
●	●	●	●		●

Product

Coach

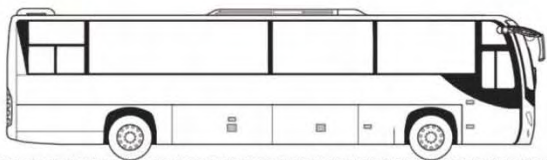
With a luxury interior design and soft and cozy seats, all your passengers have to do is seating down and relaxing during their traveling.





9M

Pure electric	Hybrid	Diesel
		<input checked="" type="radio"/>



12M

Pure electric	Hybrid	Diesel
		<input checked="" type="radio"/>

Product

	Pure electric	Natural gas	Diesel
Sweeping product	●	●	●
Cleaning product	●	●	●
Collection and transportation product	●	●	●

Sanitation Vehicle

a complete environmental sanitation equipment production line; it covers three categories of products: sweeping, cleaning and collection and transportation, and covers a variety of power categories such as new energy pure electric, NG and traditional fuel oil. At present, more than 90 types of environmental sanitation equipment products have been developed.



Product

4.5t

Pure electric	Hybrid	Diesel
<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Logistics Vehicle

Aiming at the distribution demand of agricultural and sideline market segments such as supermarkets, fresh food, furniture and vegetables, has developed new energy logistics vehicles, including 17 square hydraulic braking light load vehicles and 19 square pneumatic braking heavy load vehicles.

Taking advantage of "three electricity" advantages, it will further create differentiated 4.5t light truck products with characteristics. Promote the sales of new energy logistics vehicles through platform operation.



Product

Electric Chassis



Sit on stronger foundations

Well thought out design with excellent production processes, offers a ready-to-go chassis that lays a solid foundation for a safe and comfortable drive and passenger experience.

Product

Pure electric	Hybrid	Diesel
<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Heavy Truck

Developed based on the real application conditions, the heavy E-truck adopts the mature chassis platform in China mainland. Equipped with the specially designed drivetrain system to provide a stable and strong rate output power, the E-truck is high in efficiency and advanced in temperature management.



Product

- Strong drivetrain system

Specially developed drivetrain for heavy truck
Integrated from high speed train
Strong and stable power output
High-quality traction battery

- High-quality chassis

Famous branded
Comfortable driving
Easy to maintenance
High attendance rate
Economic comprehensive solution

- Efficient operation ability

Big loading capacity
Changeable carriages
Low maintenance cost
Low operating cost



Convenient operating



High stability



Comfort driving



Energy saving



Cost saving

Product Electric Drive System

A motor produces powerful traction and nothing else

developed a series of permanent magnet motors. With a dual winding process and a built-in regenerative braking system, these motors deliver powerful traction, reliable performances, efficient energy consumption and zero emissions.

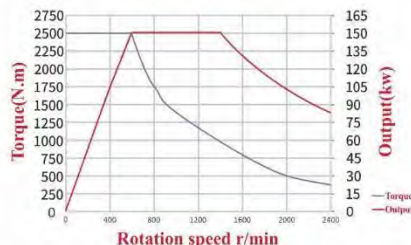
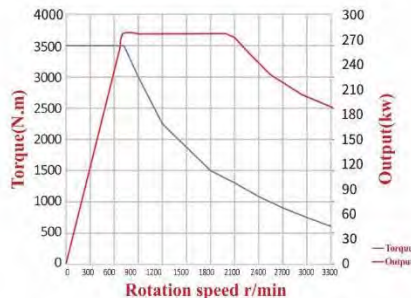
MOTOR



MD2021



MD31



Model	MD2021	MD31
Peak output	280kW	150kW
Peak rotation speed	3000r/min	2400r/min
Cooling	Water	Water
Protection rate	IP68	IP68
Rated voltage	540VDC	540VDC
Peak torque	3500N.m	2500N.m
Dimensions	Φ450x454	Φ450X400
Weight	282kg	235kg

A controller gets everything under control

Underpinned on the core IGBT technology, developed a series of highly integrated controllers, which offers very precise control of the vehicle, significantly optimized energy efficiency, driver's experience, and passenger safety and comfort.

CONTROLLER



DE5
All in one controller



DM5S
Motor controller

Model	DE5	DM5S	DE6
Working voltage range	200-720V	250-720V	450-750V
Max.capacity	200KVA	180KVA	480KVA
Cooling	Water	Water	Water
Operating temperature	-40-+85℃	-40-+85℃	-40-+85℃
Protection rate	IP68	IP68	IP68
Weight	35 kg	15 kg	28kg

After-sales Service

Central Storehouse of Spare Parts

By establishing a local spare parts center overseas, we can ensure that the required spare parts are delivered within 24 hours.

Training Service

By providing professional training for drivers and maintenance personnel, our company can help customers fully understand the operation of vehicles and provide a guarantee for vehicle safety.

Remote Information Service

Through the intelligent vehicle management platform, under the premise of ensuring safety, remote control of vehicles, including remote start, remote preheating, remote diagnosis and remote system upgrade services.



Localized Service

By cooperating with overseas automakers to realize the localized after-sales maintenance of vehicles, the time required for troubleshooting does not exceed 72 hours.

Remote Monitoring

Through the intelligent vehicle management platform, real-time monitoring of vehicle operating conditions, timely grasp of vehicle operating conditions, energy consumption, and other key information, greatly improve the convenience and efficiency of vehicle operation management.

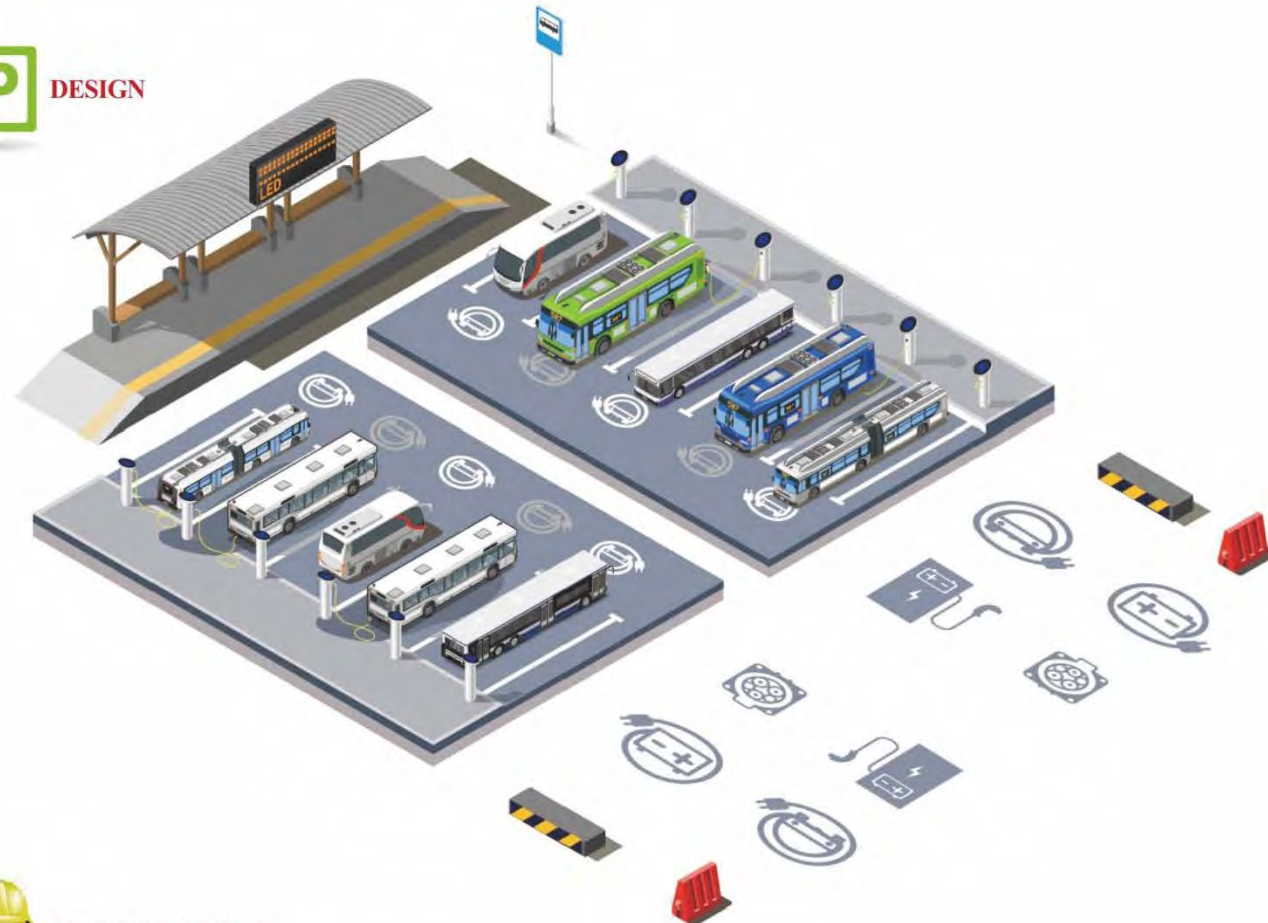
Charging Solution



Depot Charging



Pantograph Charging



In order to make the deployment of E-buses easier, offers thoughtful suggestions, making charging as flexible as you want, including multiple charger options, charging infrastructure layout design so on so forth.

Case

Underpinned on the well-established industrial chain and abundant experience, offers a very flexible business cooperation model to its clients worldwide. By associating with conventional bus manufacturers, helps to localize the production of E-buses by supplying chassis, powertrain systems, etc. This could boost local economy, create more jobs and benefit local communities.





—
Hungary: By collaborating with and realizing localized manufacturing, a high-end product for the EV market was produced.



Electric Future, benefit the world



**EVERYTHING
under THE SUN**

<http://AsianDragonIntl.com>



»» Bus Product Solutions

For urban bus travel, Electric bus solutions from trunk bus to branch bus to the last kilometer. The power types include pure electric, hydrogen fuel and plug-in hybrid power, providing passengers with sustainable, comfortable and convenient travel experience.

pure electric



K18



M8



X12



X6



C10



V5

hydrogen



C12FC



C10FC



C08FC

plug in



C12plug



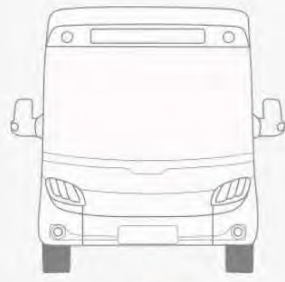
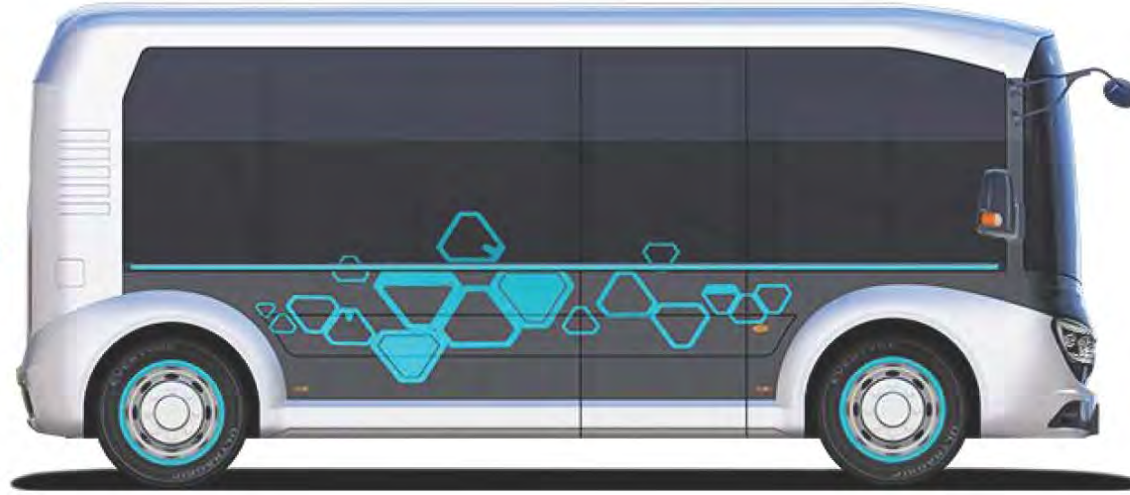
C10plug



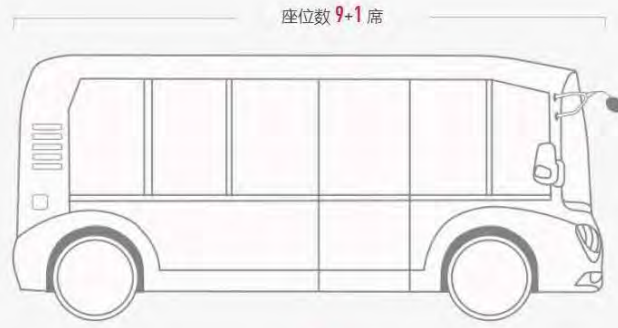
C08plug

»» 5.3 meter pure electric bus (low capacity vehicle)

The 5.3 meter new model pure electric minibus is suitable for residential areas and industrial parks with good road conditions.



车宽 1999 mm



座位数 9+1 席

车长 5330 mm

车高
2380
mm

- The wheel base of 5.3 meter minibus reaches 7-meter-bus standard, **Large interior space.**
- Low entrance ensure convenience
- Reasonable layout, **can carry 19 passengers**
- 2.38-meter height, **excellent stability and passability.**

»» 5.3 meter pure electric bus (low capacity vehicle)

Humanized interior design:

Enveloping instrument table, rotary gear switch and other design, to provide drivers with a humanized driving environment

Integrated equipment box: Cozy, beautiful and easy to test&maintain

One-piece construction roof: More beautiful and practical

Interior light design: Top surround atmosphere light, ring light LED ceiling light, to create a comfortable riding environment

Floating handrail bar: Easy to clean improve the efficiency of personnel through, easy for passengers to grasp

Separate driver driving area: Safe and modern design let the driver enjoy driving



5.3 meter pure electric bus (low capacity vehicle)

Model TEG6530BEV		
Overall dimension (mm)	5330*1999*2380	
Wheel base (mm)	3500	
chair	9+1	
Total mass (kg)	5000	
Approach angle/departure angle (°)	13/22	
project	Technical configuration parameters	
Electric drive and control system	Drive motor	Permanent magnet synchronous motor, peak power (kW)/peak torque (N.m): 105/320
	Energy storage device	Lithium iron phosphate battery, 70.18kWh
	Motor controller	Integrated controller
chassis	suspension	Few leaf spring
	Front axle	2.2T
	Rear axle (axle)	2.8T
	tyre	215/75R17.5
	Rim	six×17.5 (aluminum alloy)
body	braking system	With energy storage spring braking, electric transmission auxiliary braking, ABS anti lock, dual circuit air braking
	Passenger door	Pneumatic double external swing door, middle door
	Interior	Aluminum alloy decorative plate, with atmosphere light
electrical	Air conditioner model	Front and rear double evaporators, inner roof installation, single cooling
Other configurations		Full load bearing, cage body, steel stamping outer covering, combined headlights on the front wall

➤➤ 6 meter pure electric bus (low capacity vehicle)

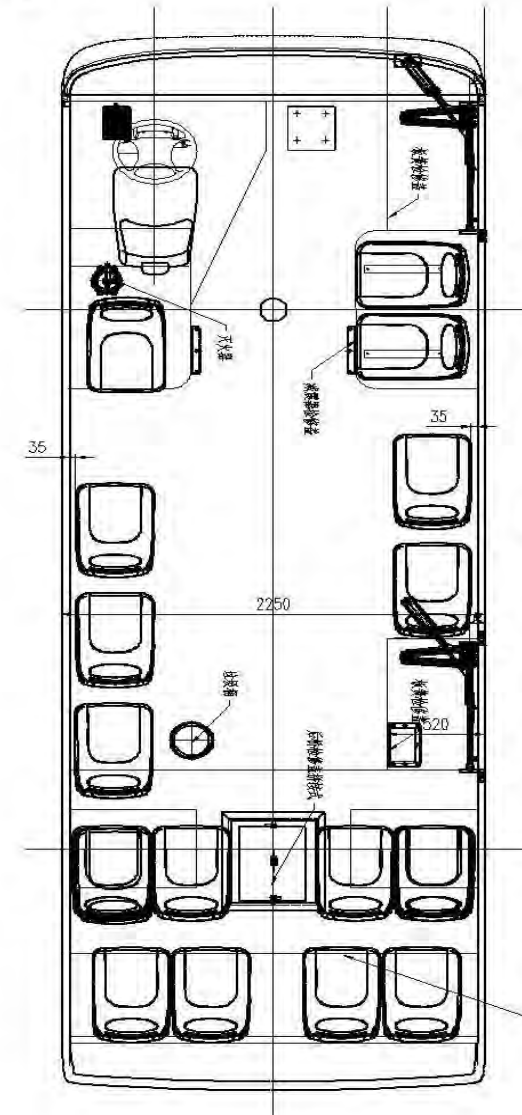
The new 6-meter pure electric city bus is applicable to small cities.



6 meter pure electric bus (low capacity vehicle)

Model TEG6661BEV		
Overall dimension (mm)	6645×2250×2870, 3020	
Front suspension/wheelbase/rear suspension (mm)	1725/3400/1520	
Passenger capacity/seat	41/10-22	
Total mass (kg)	9500	
Approach angle/departure angle (°)	10/13	
project Technical configuration parameters		
Electric drive and control system	Drive motor	Permanent magnet synchronous motor, power: 60/100 (kW)
	Energy storage device	Lithium iron phosphate battery, 83.6-125.7kWh
	Motor controller	Integrated controller
chassis	suspension	Less leaf spring front 3 and rear 4
	Front axle	3.5T
	Rear axle (axle)	6T
	tyre	All steel radial tire 215/75R17.5
	Rim	six×17.5;Steel (optional: aluminum alloy)
	braking system	With energy storage spring braking, electric transmission auxiliary braking, ABS anti lock, dual circuit air braking
	Passenger door	Pneumatic, aluminum alloy, front single back single inner swing
body	Surrounded by drivers	Optional: aluminum alloy full enclosure
	Handrail	Plastic coated steel pipe, diameter 32mm, yellow (optional: aluminum alloy, stainless steel)
	Air duct	GFP material integral type (optional: panoramic aluminum alloy air duct)
	Air conditioner model	Single cooling electric air conditioner, cooling capacity 15000 kcal
electrical		
Other configurations	Vehicle cathode electrophoresis, full load body	

Optional seats 10-22 (including driver's seat), 16+1 seat layout:



8 meter pure electric bus (medium capacity vehicle)

The 8-meter pure electric city bus is built for modern cities and is suitable for branch bus in large and medium-sized cities and trunk line bus in small cities.

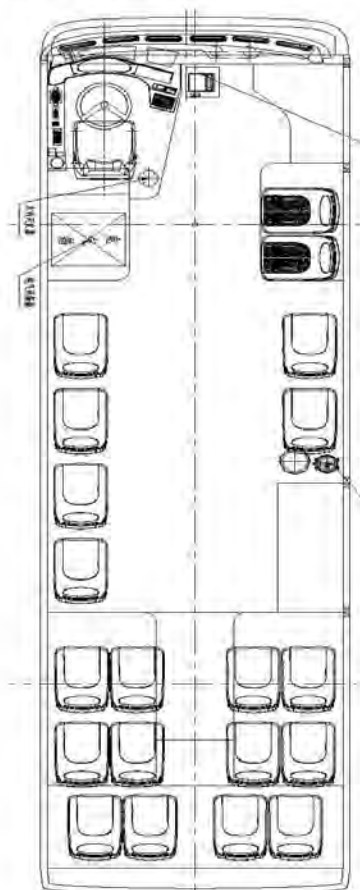


It is integrated with the urban environment to build a beautiful landscape of the city, integrated headlights, and angel eye modeling design.

8 meter pure electric bus (medium capacity vehicle)

Model TEG6803BEV		Model TEG6853BEV	
Overall dimension (mm)	8040×2400, 2450, 2500×3000, 3150, 3200	8540×2400, 2450, 2500×3000, 3150, 3200	
Number of seats	14-29	14-29	
Total mass (kg)	12500	13000, 13500, 14500	
Approach angle/departure angle (°)	9/10	9/9, 10/10	
project	Technical configuration parameters		
Electric drive and control system	Drive motor	Permanent magnet synchronous motor, power: 80/135 (kW)	Permanent magnet synchronous motor, power 80, 90/150/175/190 (KW)
	Energy storage device	Lithium iron phosphate battery, 114.5~175.03kWh	Lithium iron phosphate battery, 163.36~229.05KWH
	Motor controller	CRRG integrated controller	CRRG integrated controller
chassis	suspension	Few leaf spring	Less leaf spring, empty suspension
	Front axle	4.5T, disc type	5T, disc type
	Rear axle (axle)	8T, disc/drum	8.5T, disc/drum
	tyre	245/70R19.5; 18 levels	245/70R19.5-18 levels
	Rim	seven point five×19.5; Steel (optional: aluminum alloy)	seven point five×19.5; Steel (optional: aluminum alloy)
body	braking system	With energy storage spring braking, electric drive auxiliary braking ABS anti lock, dual circuit air braking	With energy storage spring braking, electric drive auxiliary braking ABS anti lock, dual circuit air braking
	steering system	Integral hydraulic power steering gear	Integral hydraulic power steering gear
	Passenger door	Pneumatic, aluminum alloy, front single rear double inner swing	Pneumatic, aluminum alloy, front single rear double inner swing
electrical	Air conditioner model	Single cooling electric air conditioner, cooling capacity 2000 kcal (Optional: electric air conditioner with cooling and heating capacity of 22000 kcal)	Single cooling electric air conditioner, cooling capacity 24000 kcal (Optional: cooling and heating electric air conditioner, cooling capacity 24000 kcal)
	Defrosting system	With driver's area air outlet, high voltage electric defroster 4kw	With driver's area air outlet, high voltage electric defroster 4kw
Other configurations		Vehicle cathode electrophoresis, full load body , integrated auxiliary system (integrated electric steering pump, air compressor, water pump)	Vehicle cathode electrophoresis, full load body Integrated auxiliary system (integrated electric steering pump, air compressor, water pump)

The number of optional seats is 14-29 (including the driver's seat), and the layout of 20+1 seats is as follows:



10 meter pure electric bus (medium capacity vehicle)



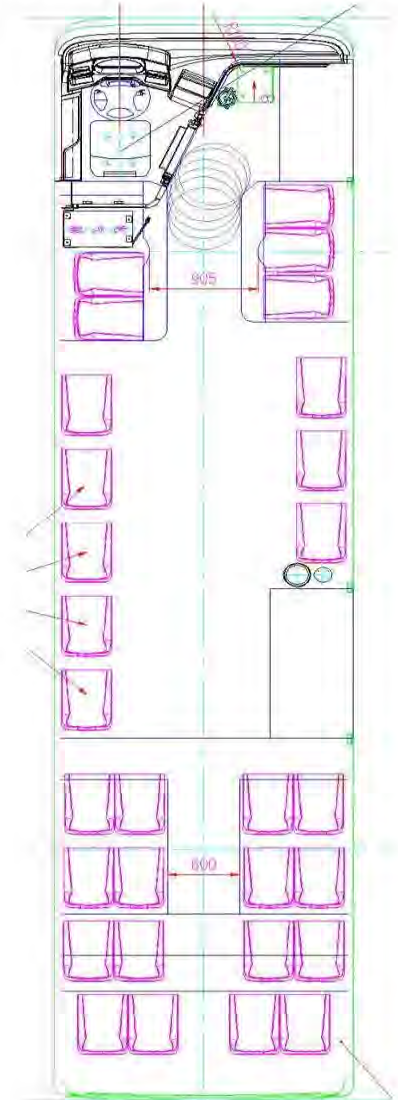
High speed rail level interior positioning, high mute technology, comfort index increased by 30%
The maximum number of designed seats is 31, and the rated passenger capacity is 90



10 meter pure electric bus (medium capacity vehicle)

Model TEG6105BEV		
Overall dimension (mm)		10500×2500×3380, 3280, 3150
Front suspension/wheelbase/rear suspension (mm)		2265/5800/2435
Number of seats		20-39
Total mass (kg)		18000
Approach angle/departure angle (°)		8/9, 7/9
Step structure project		The first step is the entrance, low floor, and the second step
		Technical configuration parameters
Electric drive and control system	Drive motor	Permanent magnet synchronous motor, power: 100, 120/200/240 (kW)
	Energy storage device	Lithium iron phosphate battery, 200.54-338.4kWh
	Motor controller	Integrated controller
chassis	suspension	Air suspension, front 2 and rear 4 airbags
	Front axle	7T
	Rear axle (axle)	11T
	tyre	11R22.5 or 275/70R22.5, 18 levels
	Rim	eight point two five×22.5;Steel (optional: aluminum alloy)
	braking system	With energy storage spring braking, electric transmission auxiliary braking, ABS anti lock, dual circuit air braking
body	Passenger door	Pneumatic, aluminum alloy, front double back double inner swing
	Surrounded by drivers	Aluminum alloy full enclosure
	Handrail	Plastic coated steel pipe, diameter 32mm, yellow (optional: aluminum alloy, stainless steel)
	Air duct	Foam air duct (optional: panoramic aluminum alloy air duct)
electrical	Air conditioner model	Cooling and heating electric air conditioner, cooling capacity 30000 kcal
	Defrosting system	With driver's area air outlet, high voltage electric defroster 4kw
Other configurations		Vehicle cathode electrophoresis, full load body

Optional seats 20-39 (including driver's seat), 29+1 seat layout



12 meter pure electric bus (high capacity vehicle)

C12 is applicable to trunk line in large and medium-sized cities, and is a practical vehicle specially developed and designed to adapt to different urban environments



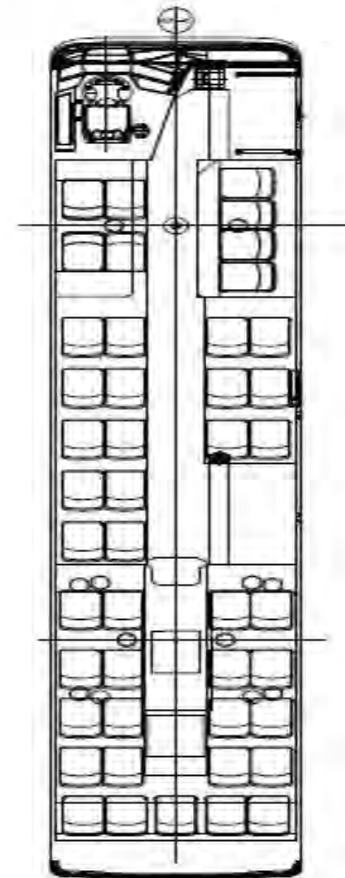
- Create a subway standard, with a low floor layout, one-step boarding experience, making it easier for passengers to get on and off the bus;
- The area of low floor in the bus has increased by more than 2 m², and the standing area of passengers has increased by 20% compared with the products of the same length bus;



12 meter pure electric bus (high capacity vehicle)

Model TEG6125BEV		
Overall dimension (mm)	11950×2540×3280	
Passenger capacity (number of seats)	87/21-46	
Total mass (kg)	18000	
Approach angle/departure angle (°)	7/7	
project	Technical configuration parameters	
Electric drive and control system	Drive motor	Permanent magnet synchronous motor, power: 100/200 (kW) or 150/200 (kW) Or 165/240 (kW)
	Energy storage device	Lithium iron phosphate battery: 315.07, 338.4kWh;
	Motor controller	Integrated controller
chassis	suspension	Air suspension, front 2 and rear 4 airbags
	Front axle	7.5T, disc type
	Rear axle (axle)	13T, disc/drum
	tyre	11R22.5 or 275/70R22.5, 18 levels
	Rim	eight point two five×22.5;Steel (optional: aluminum alloy)
	braking system	With energy storage spring braking, electric transmission auxiliary braking, ABS anti lock, dual circuit air braking
	Passenger door	Pneumatic, aluminum alloy, front double back double inner swing (three or four doors are optional)
body	Surrounded by drivers	Aluminum alloy full enclosure
	Handrail	Plastic coated steel pipe, diameter 32mm, yellow (optional: aluminum alloy, stainless steel)
	Air duct	Foam air duct (optional: panoramic aluminum alloy air duct)
	Air conditioner model	Cooling and heating electric air conditioner, cooling capacity 32000 kcal
electrical	Defrosting system	With driver's area air outlet, high voltage electric defroster 4kw
	Other configurations	Cathodic electrophoresis, full load body, 24H safety monitoring system

The number of optional seats is 22-46 (including the driver's seat).
45+1 seat layout:



➤➤ 18 meter pure electric BRT (high capacity vehicle)

Main Technical Parameters and Features of the Dakar BRT



Vehicle structure	Articulated type	
Body dimensions (mm, L/W/H)	18750/2550/3715	
Axle load (kg)	8000/11500/12500	
Suspension	Air suspension	
Floor profile	High floor	
Total passenger capacity	150 passengers, including: 54 seats + 94 people standing area + 1 wheelchair area + 1 driver seat	
Battery brand	Yiwei Lithium Energy	
Battery capacity (kWh)	525	
Range (km in service)	250	
Motor brand	CRRC	
Motor peak power (KW)	350	
Tyre size	Front wheel	Middle and rear wheels
	315/70R22.5	275/70R22.5

▶▶ Shanghai 18-meter BRT Project Introduction



This pure electric BRT vehicle was designed with respect to the European standards, featuring "high value", "high quality" and "zero emission" service, ensuring the requirements of Shanghai Expo and serving the multi-level and diversified travel needs of the majority of people in Shanghai.



Guangzhou 18-meter BRT Project Introduction



This 18-meter BRT bus, incorporates the characteristics of urban travel in Guangzhou, and features large space, high passenger capacity, comfortable ride, and elegant appearance. Currently more than 100 units of this model has been manufactured.

» Highway Vehicle Product Solutions

In order to fully meet the needs of long, medium and short distance passenger transport, intercity passenger transport, rural passenger transport and other market segments, Electric has continued the exquisite European technology.

Starting from the characteristics of different market segments and user needs, it has developed large, medium and small pure electric and traditional road buses with different lengths, covering 9 to 12 meters in length.

electric



F9EV



F11EV



F12EV

fuel



F9



F12 (single gear)



F12 (double gear)

Sanitation vehicle product solutions

To meet the needs of urban cleaning and transportation, a series of sanitation equipment(over 100 types of products) has been developed, covering new energy pure electric, NG, traditional fuel and other power types.

Cleaning



Cleaning and sweeping vehicle

Washing



Road maintenance vehicle



Multifunctional dust suppression vehicle



washing vehicle

Cleaning and transportation



Compression type garbage truck



Kitchen waste truck



Closed bucket garbage truck

Logistics Vehicle Product Solutions

To meet the distribution needs of supermarkets, fresh food, furniture, vegetables and other agricultural and sideline market segments, IEV has developed new energy logistics vehicles, with a loading capacity of 18 cubic meters.



supermarket



furniture



vegetable



parcel

»» Dump truck product solutions

■ According to the demand of urban construction and transportation and the actual road conditions of muck trucks, a 31 ton dump truck has been developed, focusing on operation safety and energy saving and consumption reduction, and realizing electrification, intelligence, and networking technology empowerment.

- Jointly developed and equipped with electric drive system as standard



Jointly developed provide the intelligent and networked technology solutions



»» Special vehicle product solutions

A series of **mobile nucleic acid detection vehicles**, ambulances, school buses, engineering vehicles and other special **vehicles** have been developed to meet the needs of public services such as medical aid, engineering, education or transportation in special fields, so as to provide integrated green and smart travel services for cities.



Mobile nucleic acid detection vehicle



ambulance



School Bus



Engineering vehicle



P2+ mobile laboratory



Shelter CT medical vehicle



Airport shuttle bus



Emergency power supply vehicle