



COMPANY PROFILE

SINOVATION ELECTRIC VEHICLE
TECHNOLOGY GROUP

SINOVATION ELECTRIC VEHICLE TECHNOLOGY GROUP

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SOLUTIONS

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COMPANY INTRODUCTION

SINOVATION ELECTRIC VEHICLE
TECHNOLOGY GROUP

SinovationEV was founded in 2010 in Beijing China. It won the titles as both National and Zhongguancun High-tech Enterprise, as well as Little Giants company.

SinovationEV is mainly engaged in R&D, production and sales of electronic control and powertrain systems for new energy vehicles. Our core products include Vehicle Control Unit, Power Electronic Unit, Electric Motor and Cable Assembly, etc...

Our mission is to deliver remarkable experiences and outstanding results for our partners. We are proud of working with TOP10 commercial vehicle companies in China like Foton, FAW, Golden Dragon, etc...

By the end of 2022, a total of more than 100,000 sets of products have been provided all over the world.

MANAGEMENT



Lin Cheng
Ph.D

Chairman



Sun Fengchun
Ph.D

Chief Scientist
Academician of CAE
Member



Zhou Hui
Ph.D

CEO

HISTORY



1994

The first electric buses in China



2003

The first batch of Ultra-low floor Li-ION battery buses



2008

Beijing Olympics Games Zero-emission electric buses



2010

SinovationEV founded



2012

National High-tech Enterprise



2013

TS 16949 Certificate



2018

Merger with Hua Feng listed company



2022

Beijing Winter Olympics Games new energy coaches



2023

Established Beijing and Zhaoqing production bases



20+ + 118+

Series of Core Technology Research in the Field of New Energy Vehicle Industry

Authorized Patents and Software Copyrights in the Field of Electric Vehicles



HONORS

1 Intellectual Property Certificates



Intellectual Property Pilot Unit



Intellectual Property Management Certificate



National Intellectual Property Advantage Enterprise

2 Science and Technology Awards



National High-tech Enterprise



Beijing Science and Technology Award



Automotive Industry Science and Technology Progress Award

3 Some Product Certificates



IATF16949 Certificate



VCA Approval



ECE R85 Certificate

PRODUCTS

Vehicle Control Unit

HCDN67VCU-42B

- Working Voltage : 9-32Vdc
- PIN Count: 121
- Size: 201×148×37mm
- Weight: 0.6kg
- Support functional safety (ISO26262)
- Software reference AutoSAR standard
- Basic software supports XCP/CCP protocol
- Bootloader based on UDS/J1939

Support customers to develop programs independently -



PRODUCTS

Electric Powertrain

Dual-motor Electric Powertrain

HC2U45PWT



- Continuous Power 230kW, Peak Power 370kW
- Continuous Torque 2,150Nm, Peak Torque 4,480Nm
- Maximum Rotational Speed: 4,500rpm
- 2-speed transmission (2.98/1)
- No power interruption during gear shifting

Dual-motor Electric Powertrain

HC2U50PWT



- Continuous Power 225kW, Peak Power 335kW
- Continuous Torque 2,400Nm, Peak Torque 5,070Nm
- Maximum Rotational Speed: 3,500rpm
- 2-speed Transmission (2.98/1)
- No power interruption during gear shifting

Single-speed Electric Powertrain

HC1N10PWT



- Continuous Power 60kW, Peak Power 120kW
- Continuous Torque 435Nm, Peak Torque 950Nm
- Maximum Rotational Speed of E-motor: 12,000rpm
- Single-speed Reducer: 3.043

Multi-speed AMT Electric Powertrain

HC4S200PWT



- Continuous Power 260kW, Peak Power 410kW
- Continuous Torque 11,370Nm, Peak Torque 20,500Nm
- Maximum Rotational Speed of E-motor: 3,500rpm
- 4-speed Transmission (8.551/3.68/1.799/1)
- Transmission Power Take-Off Output: 500Nm, 60kW

Single-speed Electric Powertrain (with differential)

HC1N38PWT



- Continuous Power 50kW, Peak Power 100kW
- Continuous Torque 1,518Nm, Peak Torque 3,321Nm
- Maximum Rotational Speed of E-motor: 7,000rpm
- Single-speed Reducer with Differential: 9.49

Drive Motor

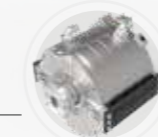
HCDM120ZC2



- Continuous Power 120kW, Peak Power 240kW
- Continuous Torque 1,200Nm, Peak Torque 2,800Nm
- Maximum Rotational Speed: 3,000rpm

Drive Motor

HCDM090ZC3



- Continuous Power 90kW, Peak Power 160kW
- Continuous Torque 900Nm, Peak Torque 2,100Nm
- Maximum Rotational Speed: 3,000rpm

Drive Motor

HCDM050LH1



- Continuous Power 50kW, Peak Power 100kW
- Continuous Torque 160Nm, Peak Torque 350Nm
- Maximum Rotational Speed: 7,000rpm

Drive Motor

HCDM030ZC6



- Continuous Power 30kW, Peak Power 60kW
- Continuous Torque 100Nm, Peak Torque 220Nm
- Maximum Rotational Speed: 9,000rpm

PRODUCTS

Power Electronic Unit

Power Electronic Unit (incl.MCU)

Power Electronic Unit



HC60LTPIC

- Functional Modules:

MCUx2+DCACx2+DCDC+PDU

- MCU: 1,200V600A/800A/1200A

- DCAC: 7.5kW

- DCDC: 3/6kW

Power Electronic Unit



HCPICDK

- Functional Modules:

MCU+DCDC&OBC+PDU

MCU+DCDC+DCAC+PDU

MCUx2+DCAC

- MCU: 1,200V/600A or 750V600A/820A

- DCAC: 5.5kW

- DCDC: 2/3/6kW

- OBC: 6.6/11kW

Power Electronic Unit



HC60LXPIC

- MCU+DCACx+DCDC+BDU+PDU

- MCU: 1200V450A/600A/800A

- DCAC: 7.5kW

- DCDC: 3/6kW

Power Electronic Unit



HC30LYPIC

- Functional Modules:

MCU+DCDC&OBC+PDU

- MCU: 750V400A/600A

- DCDC: 2kW

- OBC: 6.6kW

Dual-motor Controller



M18

- Functional Modules:

MCUx2

- MCU: 1,200V600A/800Ax2

PRODUCTS

Power Electronic Unit

Power Electronic Unit



HC60L5PIC

- Functional Modules:

DCACx2+DCDC+PDU

- DCAC: 5.5kW

- DCDC: 3kW

Power Electronic Unit



HC60L9PIC

- Functional Modules :

DCACx2+DCDC+PDU

- DCAC: 5.5kW

- DCDC: 3/6kW

Power Electronic Unit



HC60LMPIC

- Functional Modules:

DCACx2+DCDC+PDU

DCACx3+PDU

- DCAC: 5.5kW

- DCDC: 3kW

Power Electronic Unit



HC60LLPIC

- Functional Modules:

MCU+DCAC+DCDC+PDU

- MCU: 1,200V450A/600A

- DCAC: 5.5kW

- DCDC: 3kW

Power Electronic Unit



HC60LKPIC

- Functional Modules:

MCU+DCACx2 +DCDC+PDU

MCU+DCDC+OBC+PDU

- MCU: 1,200V450A/600A/800A

- DCAC: 5.5kW

- DCDC: 3/6kW

- OBC: 6.6kW

Power Electronic Unit (excl.MCU)

PRODUCTS

On-Board Power Supply

DCDC Converter

300W DCDC Converter

Output Voltage: 13.8Vdc/27.5Vdc
 Input Voltage: 200-800Vdc
 Output Current: 25A@13.8V/12.5A@27.5Vdc



12kW DCDC Converter (Liquid cooling)

Output Voltage: 27.5Vdc
 Input Voltage: 400-750Vdc
 Output Current: 436A@27.5Vdc



2/3kW DCDC Converter (Liquid cooling)

Output Voltage: 13.8Vdc/27.5Vdc
 Input Voltage: 250-450Vdc/400-750Vdc
 Output Current: 145A@13.8V/110A@27.5Vdc



300W DCDC Module

Output Voltage: 13.8Vdc/27.5Vdc
 Input Voltage: 200-800Vdc
 Output Current: 25A@13.8V/12.5A@27.5Vdc



2/3kW DCDC Converter (Air cooling)

Output Voltage: 13.8Vdc/27.5Vdc
 Input Voltage: 250-450Vdc/400-750Vdc
 Output Current: 145A@13.8V/110A@27.5Vdc



2/3kW DCDC Module

Output Voltage: 13.8Vdc/27.5Vdc
 Input Voltage: 250-450Vdc/400-750Vdc
 Output Current: 145A@13.8V/110A@27.5Vdc



6kW DCDC Converter (Liquid cooling)

Output Voltage: 27.5Vdc
 Input Voltage: 400-750Vdc
 Output Current: 218A@27.5Vdc



6kW DCDC Module

Output Voltage: 27.5Vdc
 Input Voltage: 400-750Vdc
 Output Current: 218A@27.5Vdc



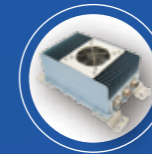
PRODUCTS

On-Board Power Supply

On Board Charger

3.3kW OBC (Air cooling)

Output Voltage: 200-450Vdc
 Input Voltage: 85-265Vac
 Output Current: 10A



22kW OBC (Liquid cooling)

Output Voltage: 200-750Vdc
 Input Voltage: 304-456Vac
 Output Current: 64/46/40A



6.6kW OBC (Liquid cooling)

Output Voltage: 200-750Vdc
 Input Voltage: 85-265Vac
 Output Current: 20/14/12A



40kW OBC (Liquid cooling)

Output Voltage: 200-750Vdc
 Input Voltage: 304-456Vac
 Output Current: 120/85/80A



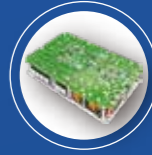
6.6 kW OBC (Air cooling)

Output Voltage: 200-750Vdc
 Input Voltage: 85-265Vac
 Output Current: 20/14/12A



6.6kW OBC Module

Output Voltage: 200-750Vdc
 Input Voltage: 85-265Vac
 Output Current: 20/14/12A



11kW OBC (Liquid cooling)

Output Voltage: 200-750Vdc
 Input Voltage: Three-phase 304-456Vac
 & Single-phase 175-265Vac
 Output Current: 32/23/20A



11kW OBC Module

Output Voltage: 200-750Vdc
 Input Voltage: Three-phase 304-456Vac
 & Single-phase 175-265Vac
 Output Current: 32/23/20A



PRODUCTS

Battery Quick Release System



Suit for CATL Battery C/G Box

HDDX004 | HDDX005

Weight (excluding battery): ≤40kg | ≤38kg
 Quick release time: ≤5s
 Degrees of protection: IP68
 Connector temperature rise: 55K
 Release liquid leakage: ≤2ml



Suit for MGL Battery G/C Box

HDDX001 | HDDX033

Weight (excluding battery): ≤32kg | ≤41kg
 Quick release time: ≤5s
 Degrees of protection: IP68
 Connector temperature rise: 55K
 Release liquid leakage: ≤2ml

PRODUCTS

Battery Quick Release System



Suit for MGL Battery H Box

HDDX034

Weight (excluding battery): ≤58kg
 Quick release time: ≤5s
 Degrees of protection: IP68
 Connector temperature rise: 55K
 Release liquid leakage: ≤2ml



Suit for Yinglong Battery D/E/K Box

HDDX006 | HDDX007 | HDDX008

Weight (excluding battery): ≤38kg | ≤42kg | ≤41kg
 Quick release time: ≤5s
 Degrees of protection: IP68
 Connector temperature rise: 55K
 Release liquid leakage: ≤2ml

PRODUCTS

HV Cable Assembly

Charging Socket



DC Charging Socket (CHN)



AC Charging Socket (CHN)



DC&AC Charging Socket (Euro)

HV Cable Assembly



Battery Input HV Cable Assembly



Battery Heating HV Cable Assembly



Oil/Air Pump HV Cable Assembly

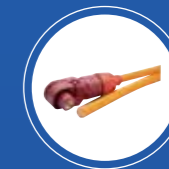
Energy Storage Cable Assembly



Inter-box Power Cable Assembly



Main Box Power Cable Assembly



Combiner Box Power Cable Assembly

SOLUTIONS

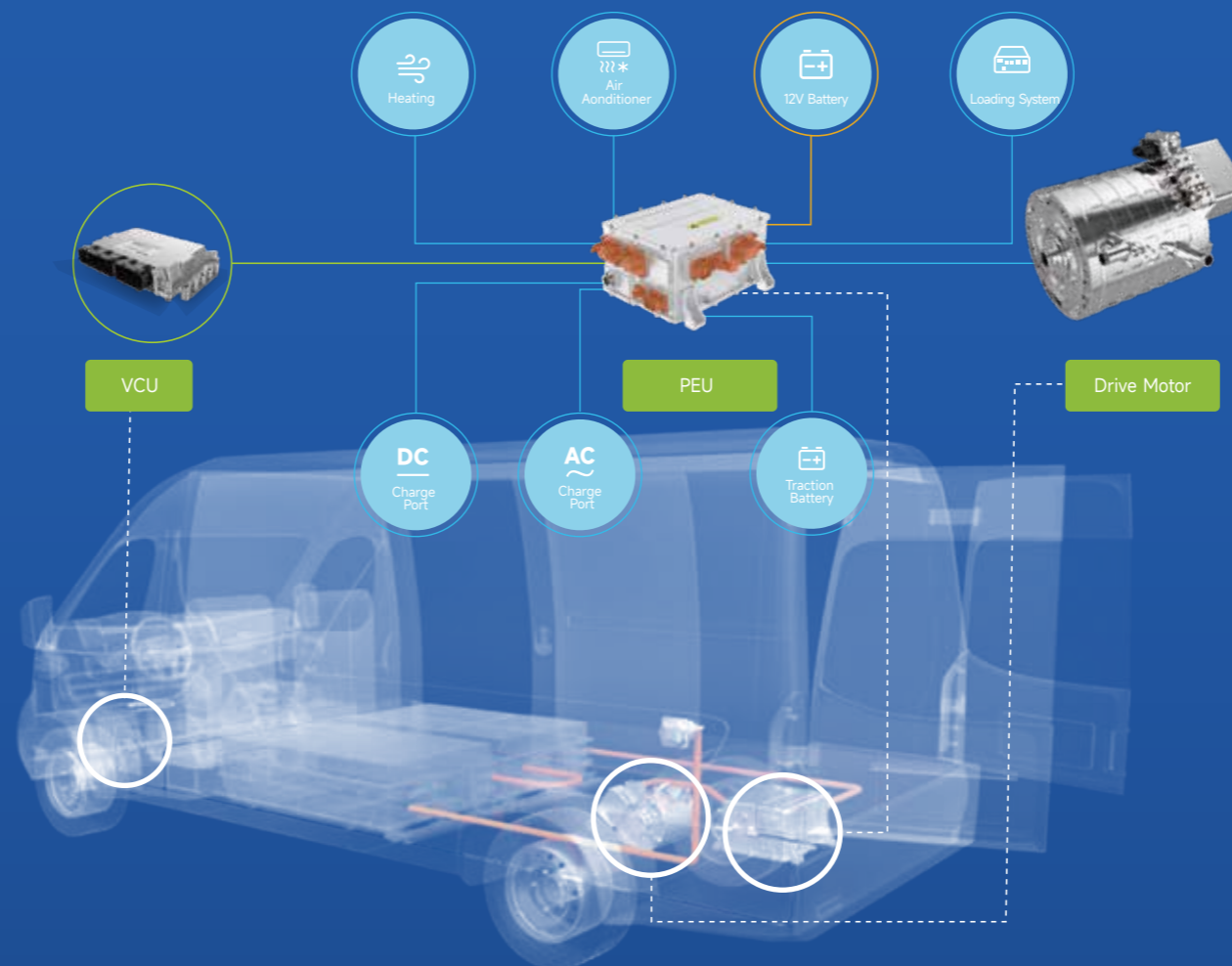
Mini Truck System

60-90kW Platform

The solution includes Vehicle Control Unit, Power Electronic Unit, and Drive Motor, primarily oriented toward GVW **2-3.5t** mini truck, mini van, hybrid light truck and **3.5t** excavator.

Advantages

- The platform has high versatility and is widely used in mini trucks, mini vans, small excavators, etc.
- High integration of PEU, combines MCU, DCDC&OBC and PDU together, achieving rich configurations
- High EMC level, meets Class 3 (on-load work)



Example

- Low voltage connection
- High voltage connection
- CAN Connection

Product Introduction

Vehicle Control Unit (VCU)

Support customers to develop programs independently, support functional safety (ISO26262), software reference AutoSAR standard, basic software supports XCP/CCP protocol, bootloader based on UDS/J1939

Drive Motor

A representative motor is designed with 30kW continuous power, 60kW peak power, 100Nm continuous torque, and 220Nm peak torque, which can be adjusted according to customer needs

Power Electronic Unit (LY)

Integrates 750V400A/600A MCU, 2kW DCDC Converter, 6.6kW On Board Charger, and Power Distribution Units such as DC charging, air conditioner, PTC, etc.

SOLUTIONS

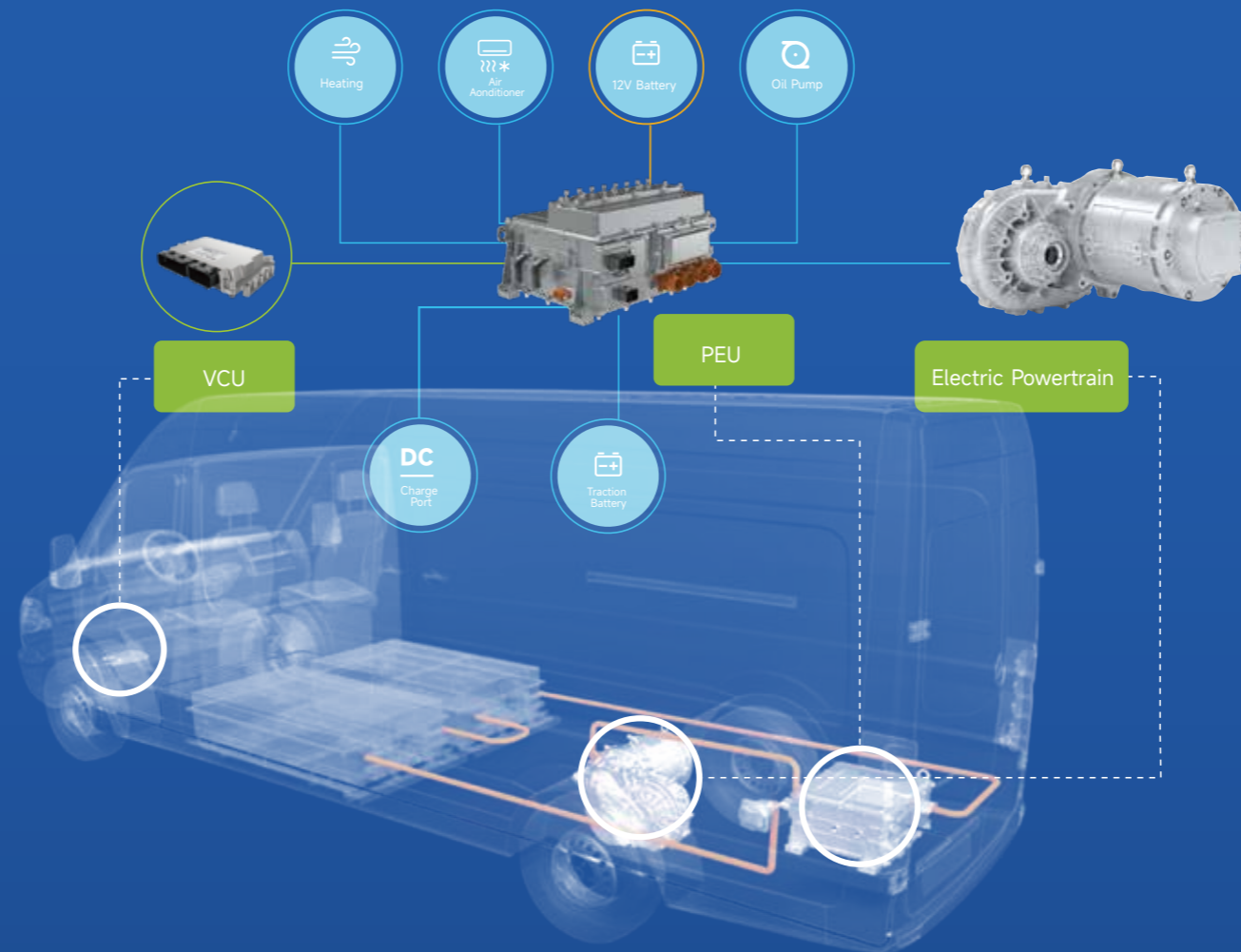
Van and Minibus System

90-120kW Platform

The solution includes Vehicle Control Unit, Power Electronic Unit, Drive Motor, primarily oriented toward GVW **3.5-4.5t** van, **4.5t** truck and **4-5** meter minibus.

Advantages

- The platform has high versatility and is widely used in vans, mini trucks, minibuses, etc.
- High integration of PEU, combines MCU, DCDC, DCAC, OBC and PDU together, achieving rich configurations
- High EMC level, meets Class 3 (on-load work)



Example

- Low voltage connection
- High voltage connection
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Product Introduction

Vehicle Control Unit (VCU)

Support customers to develop programs independently, support functional safety (ISO26262), software reference AutoSAR standard, basic software supports XCP/CCP protocol, bootloader based on UDS/J1939

Electric Powertrain

The single-speed Electric Powertrain is composed of a motor and a reducer with a differential, reaches continuous power of 50kW, peak power of 100kW, continuous torque of 1,518Nm, peak torque of 3,321Nm, maximum rotational speed of motor up to 7,000rpm, and the speed ratio of reducer is 9.49, which can be adjusted according to customer needs

Power Electronic Unit (DK)

Integrates 750V820A or 1200V600A MCU, 2kW DCDC Converter, 5.5kW DCAC C onverter or 6.6kW On Board Charger, and Power Distribution Units such as DC charging, air conditioner, PTC, etc.. MCU can be upgraded from IGBT to SiC

SOLUTIONS

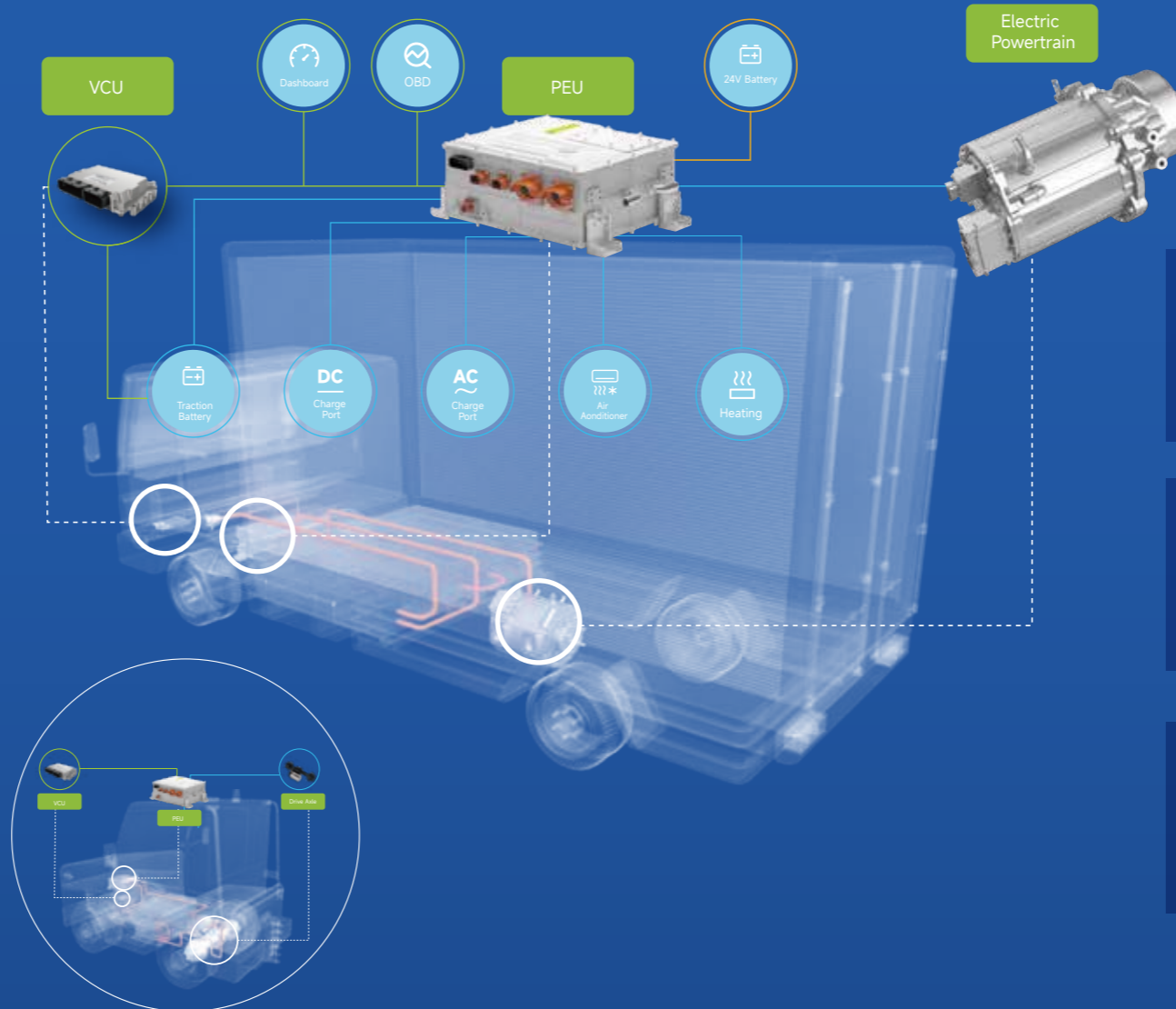
Light Truck, Medium Bus System

120-150kW Platform

The solution includes Vehicle Control Unit, Power Electronic Unit, Drive Motor, primarily oriented toward GVW **4.5-7.5t** light truck, **6-7m** medium bus, and **3-5t** airport baggage tractor.

Advantages

- The platform has high versatility and is widely used in light trucks, medium buses, etc., with mass production of more than 10,000 units
- High integration of PEU, combines MCU, DCDC, DCAC, OBC, PDU together, achieving flexible configuration
- High EMC level, meets Class 3 (on-load work)



Example

- Low voltage connection
- High voltage connection
- CAN Connection

Product Introduction

Vehicle Control Unit (VCU)

Support customers to develop programs independently, support functional safety (ISO26262), software reference AutoSAR standard, basic software supports XCP/CCP protocol, bootloader based on UDS/J1939

Electric Powertrain

Equipped with single-speed Electric Powertrain or electric drive axle, and all adopt high-speed motors. A representative motor has continuous power 60kW, and peak power 120kW, which can be adjusted according to customer needs

Power Electronic Unit (LK)

Integrates 1200V450A/600A MCU, 3kW DCDC Converter, 5.5kW DCAC Converter or 6.6kW On Board Charger, and Power Distribution Units such as DC charging, air conditioner, PTC, PTO, etc.

SOLUTIONS

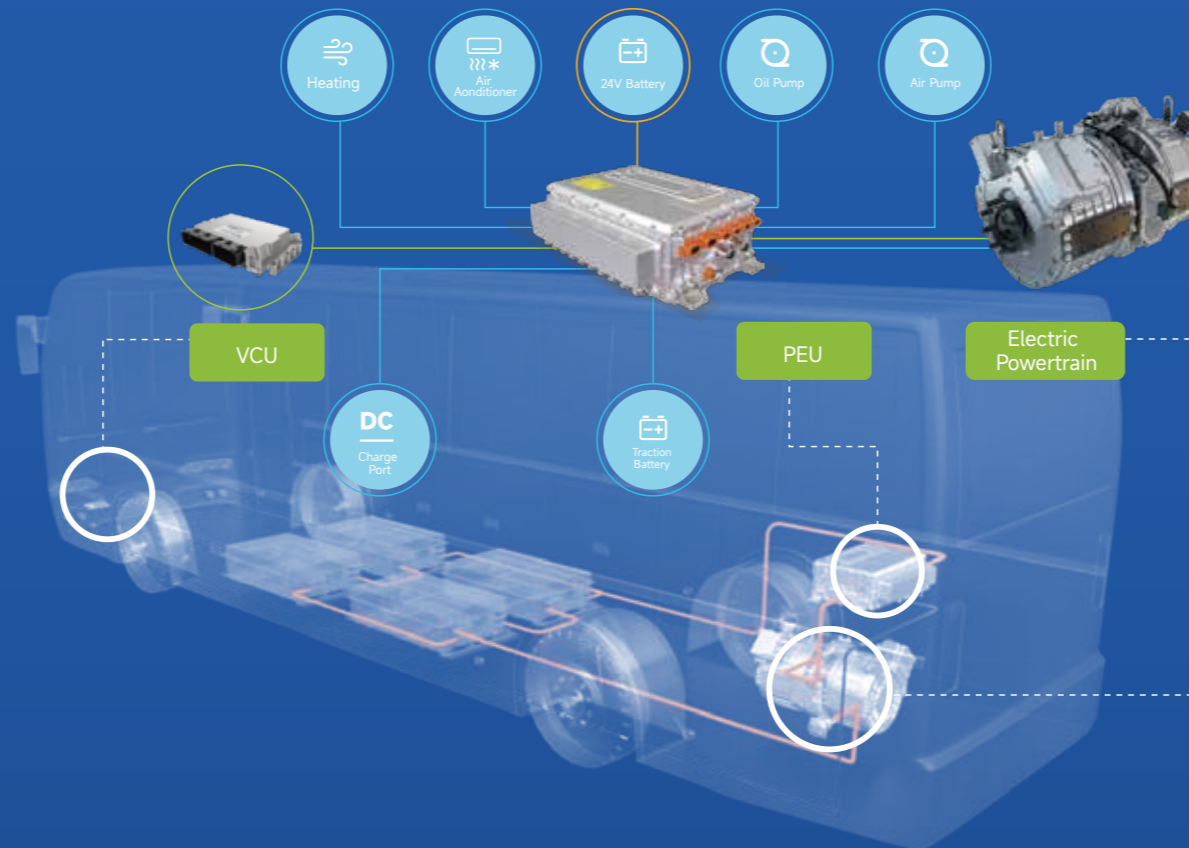
Medium Truck, Big Bus System

180-240kW Platform

The solution includes Vehicle Control Unit, Power Electronic Unit, Electric Powertrain, primarily oriented toward medium trucks, **10-12m** buses, port pure electric tractors, and **5t** loaders.

Advantages

- The platform has high versatility and is widely used in medium trucks, buses and off-road vehicles
- High integration of PEU, combines MCU, DCDC, DCAC, PDU together, achieving flexible configuration
- The Electric Powertrain has high efficiency, with no power interruption during gear shifting
- High EMC level, meets Class 3 (on-load work)



Example

- Low voltage connection
- High voltage connection
- CAN Connection

Product Introduction

Vehicle Control Unit (VCU)

Support customers to develop programs independently, support functional safety (ISO26262), software reference AutoSAR standard, basic software supports XCP/CCP protocol, bootloader based on UDS/J1939



Electric Powertrain

Equipped with dual-motor Electric Powertrain, integrated dual-motor, and two-speed transmission. It reaches continuous power of 230kW, peak power of 370kW, and peak torque of 4,500Nm, with no power interruption during gear shifting



Power Electronic Unit (LT)

Integrates 1200V600A/800A (single) or dual MCU, 3/6kW DCDC Converter, 5.5kW DCAC Converter, and Power Distribution Units such as DC charging, air conditioner, PTC, PTO, etc.



SOLUTIONS

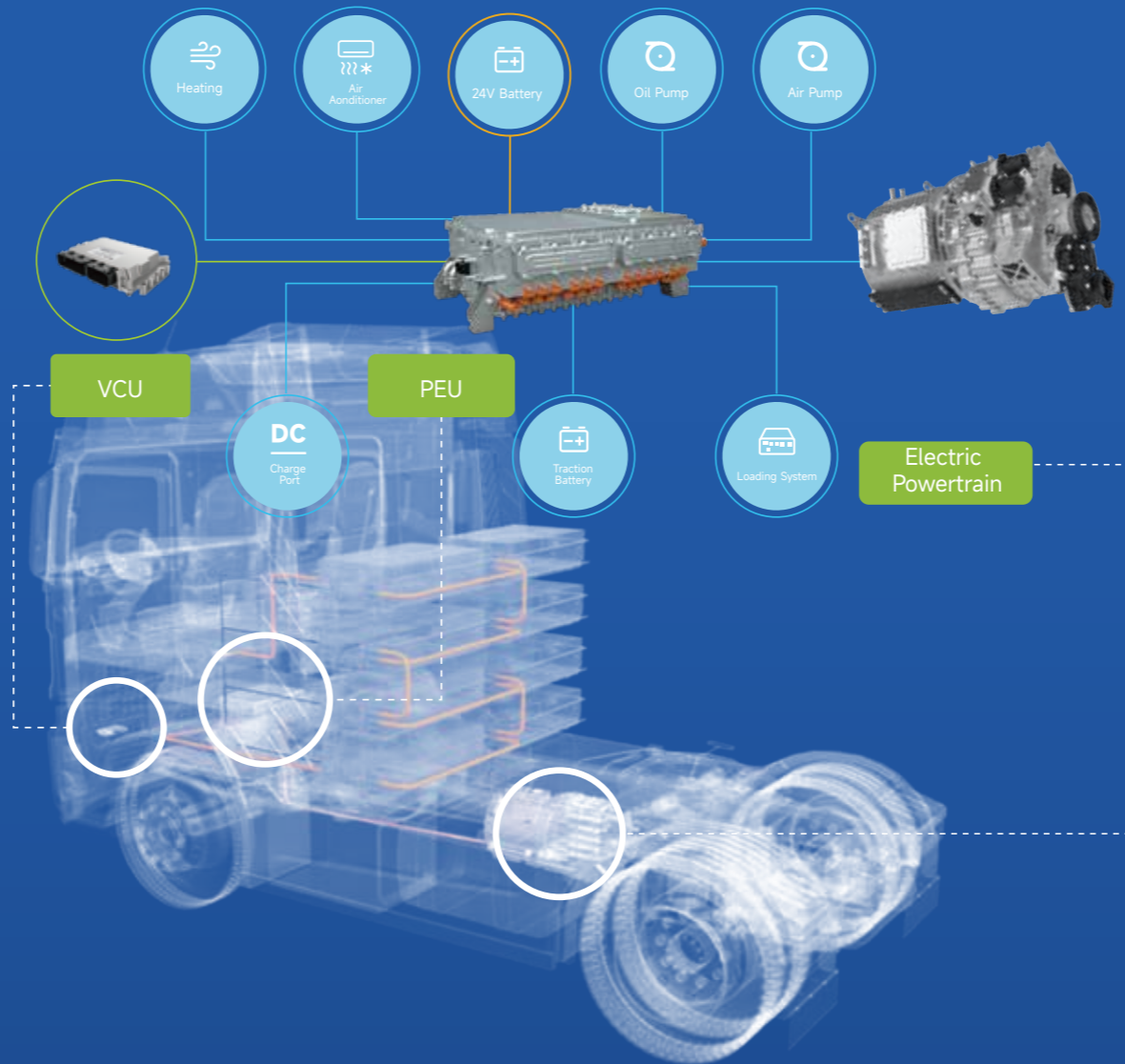
Heavy Truck System

600-1000kW Platform

The solution includes Vehicle Control Unit, Power Electronic Unit, Electric Powertrain, primarily oriented toward GVW **32-49t** heavy trucks, such as heavy truck tractors, heavy dump trucks, heavy concrete mixer trucks, etc.

Advantages

- The platform has high versatility and is widely used in heavy trucks, heavy off-road vehicles, etc.
- High integration of PEU, combines MCU, DCDC, DCAC, PDU together, achieving flexible configuration
- The Electric Powertrain adopts full torque shifting, realizing high-efficient transmission
- High EMC level, meets Class 3 (on-load work)



Example

- Low voltage connection
- High voltage connection
- CAN Connection

Product Introduction

Vehicle Control Unit (VCU)
Support customers to develop programs independently, support functional safety (ISO26262), software reference AutoSAR standard, basic software supports XCP/CCP protocol, bootloader based on UDS/J1939

Electric Powertrain
Equipped with multi-speed AMT Electric Powertrain, integrated motor and multi-speed transmission, the peak power is 400kW, peak torque is 20,000Nm

Power Electronic Unit (DT)
Integrates 1200V/1200A/1600A MCU, 6kW DCDC Converter, 7.5kW DCAC Converter, and Power Distribution Units such as DC charging, air conditioner, PTC, PTO, etc.

SOLUTIONS

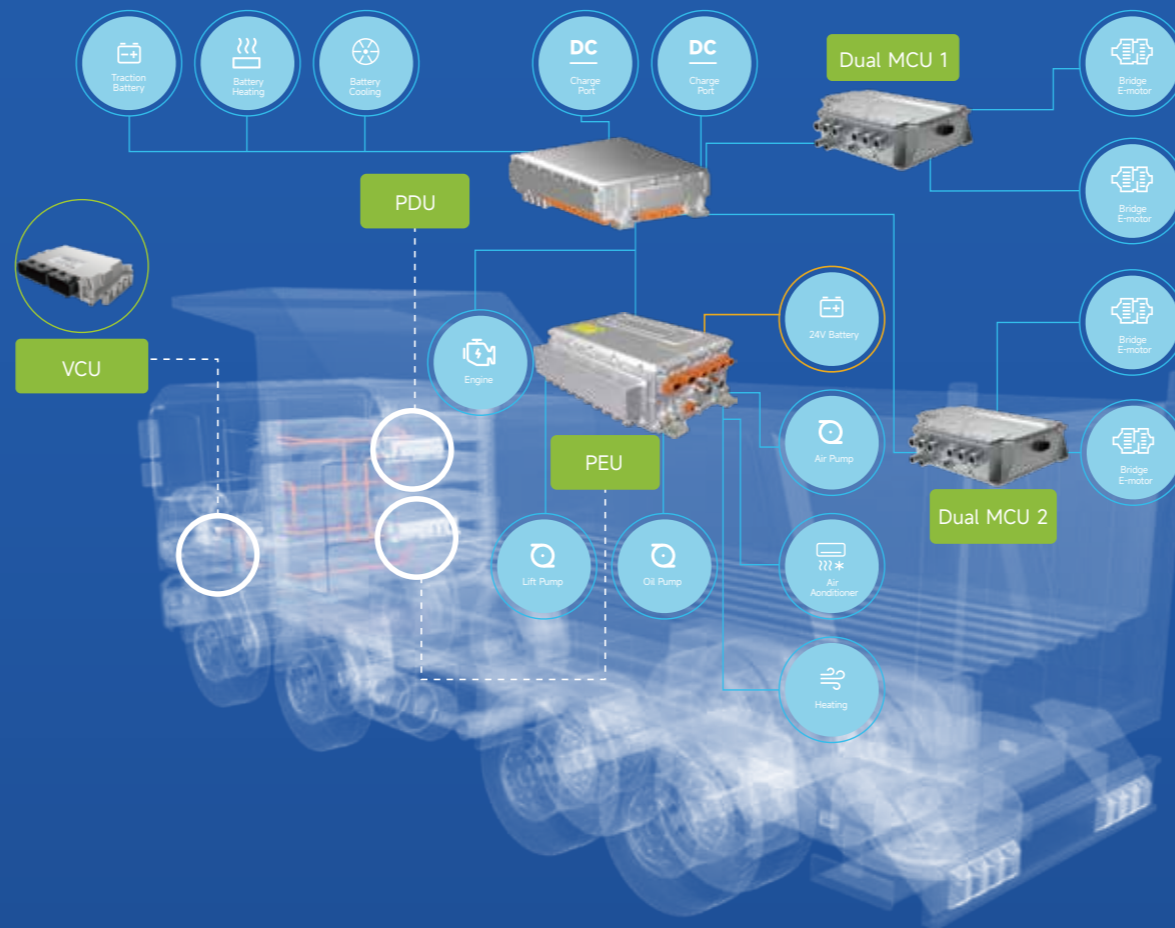
Mining Truck System

600-1000kW Platform

The solution includes Vehicle Control Unit, Power Electronic Unit, Electric Powertrain, primarily oriented toward GVM **90-120t** of mining trucks, multi-motor driven heavy special-purpose vehicles, and heavy loaders.

Advantages

- The platform has high versatility and is widely used in mining trucks, heavy special-purpose vehicles, etc.
- The high-voltage electrical architecture has strong adaptability, compatible with centralized drive and distributed drive configuration
- High integration of PEU, combines MCU, DCDC, DCAC, PDU together, achieving flexible configuration.



Example

- Low voltage connection
- High voltage connection
- CAN Connection

Product Introduction

Vehicle Control Unit (VCU)

Support customers to develop programs independently, support functional safety (ISO26262), software reference AutoSAR standard, basic software supports XCP/CCP protocol, bootloader based on UDS/J1939



Electric Powertrain

It can be configured with either dual-motor multi-speed AMT Electric Powertrain or multi-motor distributed Electric Powertrain. The peak power of the two referred is 600kW and 1000kW respectively



Power Electronic Unit (LT)

Integrates 1200V600A/800A dual MCU, 3/6kW DCDC Converter, 7.5kW DCAC Converter, and Power Distribution Units such as DC charging, air conditioner, PTC, PTO, etc.



Motor Control Unit (M18)

Integrates 1200V600A/800A dual MCU or 1200V1200A/1600A single MCU, good product scalability, can control up to 10 electric drive motors



SOLUTIONS

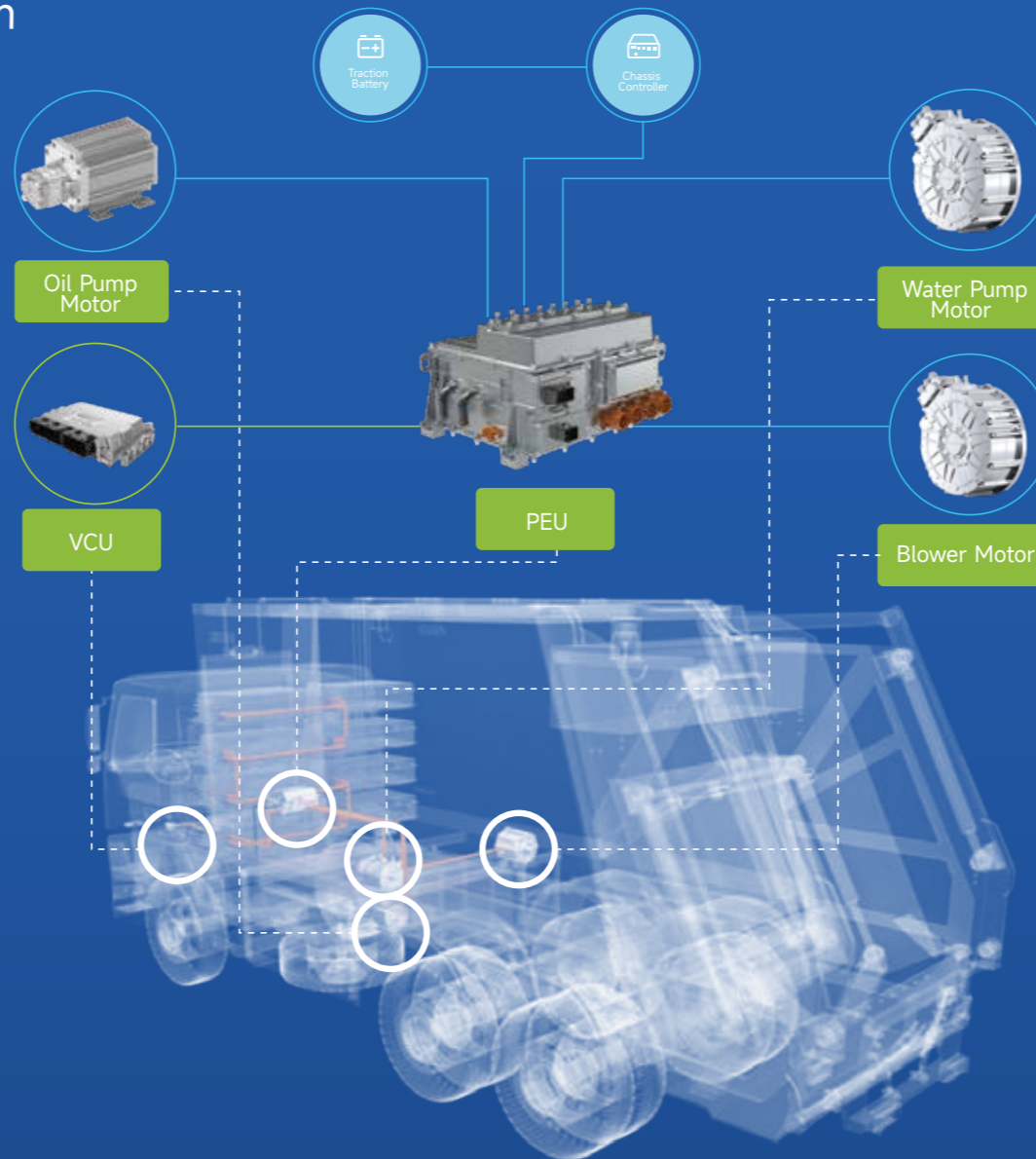
Sanitation Vehicle Auxiliary System

Multi-motor Controller

The solution includes Vehicle Control Unit, and Auxiliary Motor, suitable for Sanitation Vehicles such as **8-18t** washing and sweeping trucks, garbage compression trucks, high-pressure cleaning trucks, and other special-purpose vehicles driven by multiple motors.

Advantages

- Professional design for sanitation auxiliary vehicles to meet the needs of multi-motor control
- The controller has high energy density and small size, which is convenient for the general layout of the whole vehicle
- Differentiation through integration competence
- High EMC level, meets Class 3 (on-load work)



Example

- Low voltage connection
- High voltage connection
- CAN Connection

Product Introduction



Power Electronic Unit (DK)

Integrates 1200V600A dual MCU, 7.5kW DCAC Converter, can drive 3 motors at the same time



Auxiliary Motor

The continuous power of water pump motor is 90kW, blower motor 25kW, and oil pump motor 5.5kW. The motor adopts axial flux motor with high power density, which is adjustable according to customer needs

SOLUTIONS

Customized for Off-road Vehicles

Based on customer needs, we can provide a complete set of systematic solutions, including mining, construction machinery, airport equipment, forklift and other fields.

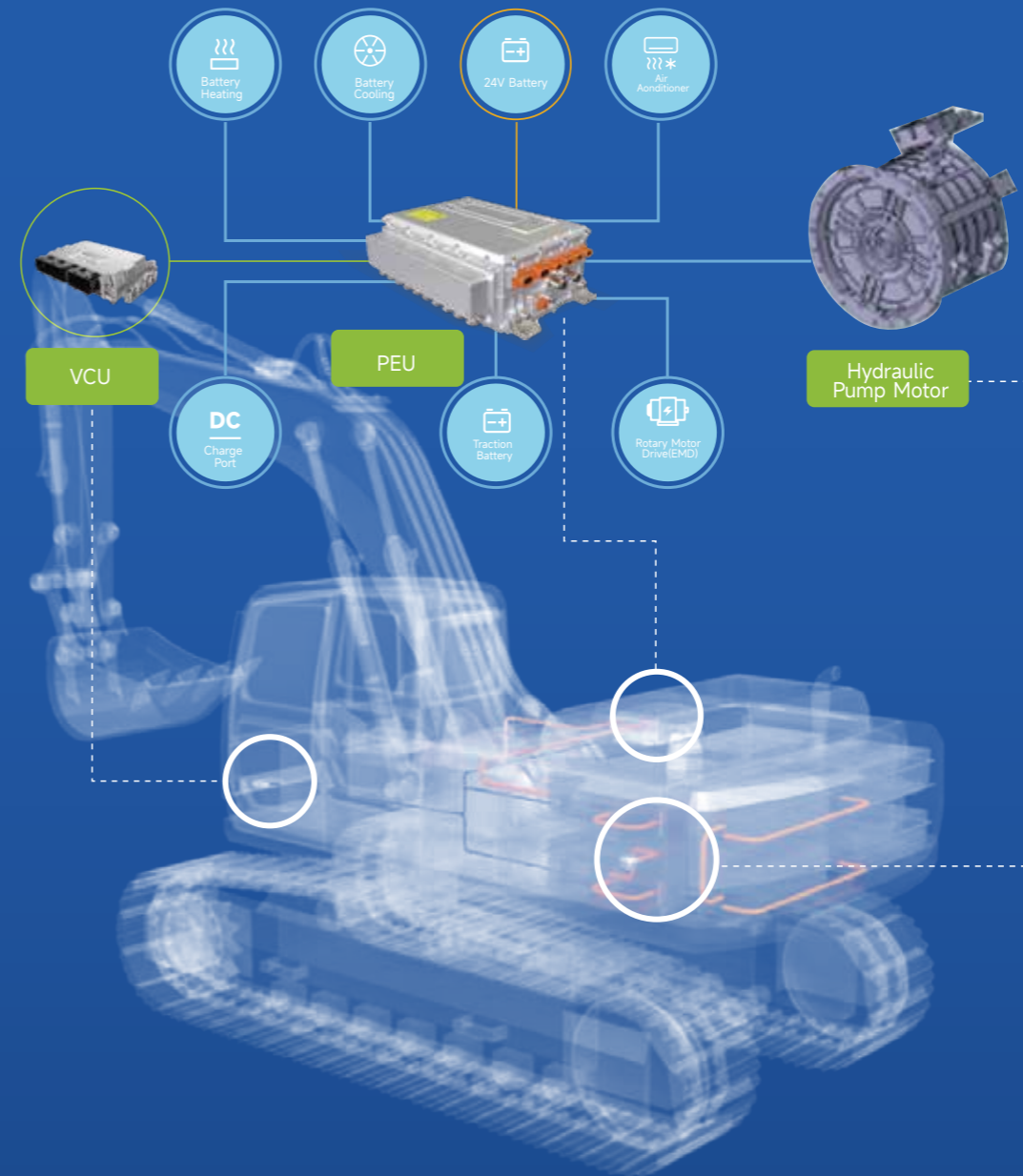
- Vehicles in the mining field include mining trucks, rock drilling machinery, articulated trucks, etc.
- Vehicles in the construction machinery area include excavators, loaders, cranes, shovels, etc.
- Vehicles in the airport equipment area include wide-body shuttles, luggage tractors, passenger ladder trucks, aircraft tractors, etc.
- Vehicles in the forklift field include light and heavy forklifts, reach stackers, AGVs, etc.

Development

- Vehicle architecture design
- Vehicle communication topology design and communication protocol formulation
- Vehicle high and low voltage principle and HV Cable Assembly design
- Custom development of Power Electronic Unit and Electric Powertrain
- Customized development of vehicle control system

Example

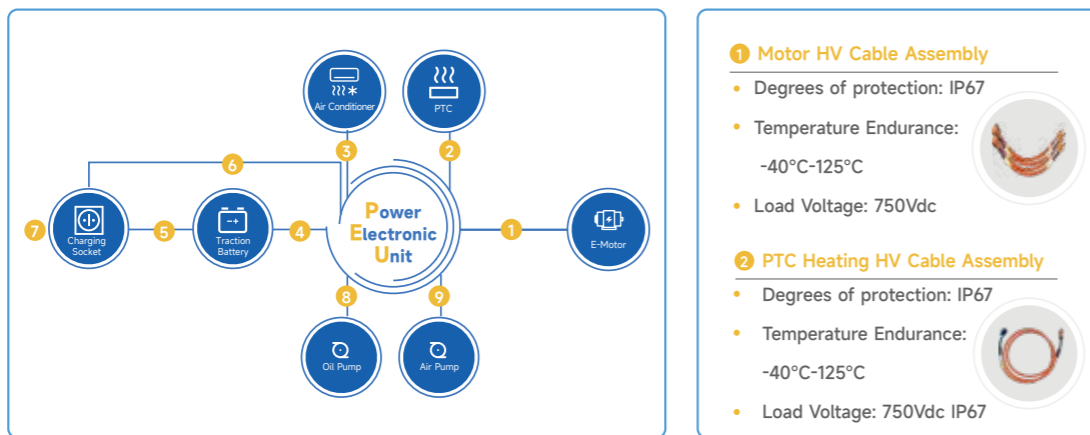
- Low voltage connection
- High voltage connection
- CAN Connection



SOLUTIONS

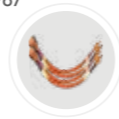
HV Cable Assembly

SinovationEV has been investing in the design and production of diversified high-voltage Cable Since 2010. The solution includes the design and processing of high-voltage HV Cable Assembly, participation in the research and development of vehicle projects, efficiency improvement of HV Cable Assembly development, and guarantee of delivery quality .



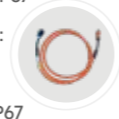
1 Motor HV Cable Assembly

- Degrees of protection: IP67
- Temperature Endurance: -40°C-125°C
- Load Voltage: 750Vdc



2 PTC Heating HV Cable Assembly

- Degrees of protection: IP67
- Temperature Endurance: -40°C-125°C
- Load Voltage: 750Vdc IP67



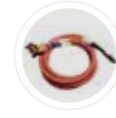
3 Air Cconditioner HV Cable Assembly

- Degrees of protection: IP67
- Temperature Endurance: -40°C-125°C
- Load Voltage: 750Vdc



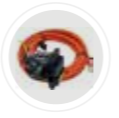
4 Battery Input HV Cable Assembly

- Degrees of protection: IP67
- Temperature Endurance: -40°C-125°C
- Load Voltage: 750Vdc



5 6 Euro Charging HV Cable Assembly

- Degrees of protection: IP67
- Temperature Endurance: -40°C-125°C
- Load Voltage: 750Vdc



7 Euro. Charging Socket

- Meets: IEC62196-3 (2014)
- Degrees of protection: IP44
- Temperature Endurance: -40°C-125°C
- Load Voltage: 750Vdc



8 Oil Pump HV Cable Assembly

- Degrees of protection: IP67
- Temperature Endurance: -40°C-125°C
- Load Voltage: 750Vdc



9 Air Pump HV Cable Assembly

- Degrees of protection: IP67
- Temperature Endurance: -40°C-125°C
- Load Voltage: 750Vdc



HIGHLIGHTED CASES

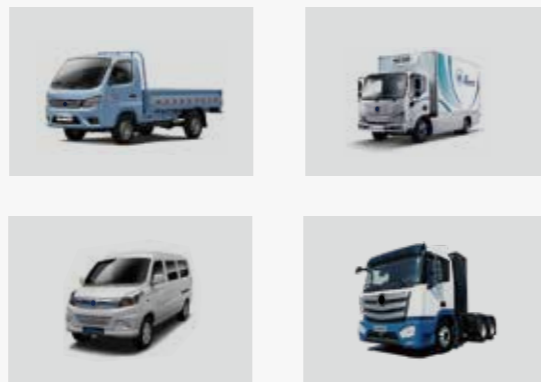
ELECTRIC BUS APPLICATIONS

SinovationEV has long been committed to the research and industrialization of key technologies of electronic control and drive systems of new energy buses, and has successfully served big events such as the Beijing Olympic Games, Shanghai World Expo, Guangzhou Asian Games, APEC Summit, and the Beijing Winter Olympic Games, receiving good reputation from community and users.



ELECTRIC TRUCK APPLICATIONS

SinovationEV has established long-term strategic partnerships with many truck makers, covering Medium and Heavy Trucks, Light Trucks, Mini Trucks, Pickup Trucks and Van, etc. We continuously promote the upgrading of power system technology and products, driving the technical improvement of commercial vehicle industry.



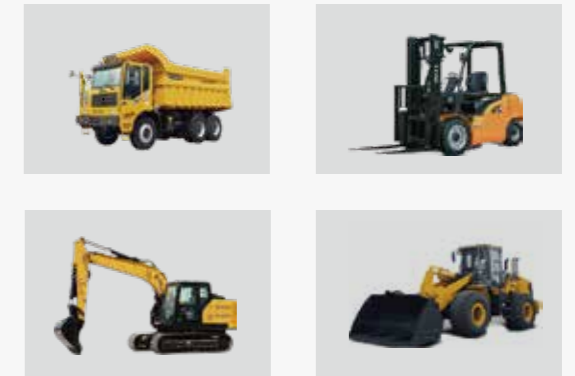
SPECIAL-PURPOSE VEHICLE APPLICATIONS

We jointly developed an 18t pure electric washing and sweeping truck with Beijing Environmental Sanitation Group, a pure electric sprinkler truck with FAW Jiefang, and a series of sanitation vehicles with BROCK for urban appearance upgrading and cleaning, helping the sanitation industry to develop in an intelligent and humanized direction.



OFF-ROAD VEHICLE APPLICATIONS

According to different markets and customer needs, SinovationEV has developed new energy solutions for forklifts, excavators, loaders, etc. The products have been running in batches in many markets such as mines, ports, steel mills and power plants.



HYDROGEN FUEL VEHICLE APPLICATIONS

SinovationEV and Foton jointly developed hydrogen fuel cell buses for the 2022 Beijing Winter Olympic Games, with more than 500 buses serving the Winter Olympics, and the mileage of a single vehicle has exceeded 100,000 kilometers.

We also participated in the development of many hydrogen-fueled buses and trucks, including the first hydrogen-fueled double-decker bus in Hong Kong, and formed system solutions.



HIGHLIGHTED CASES

OVERSEAS VEHICLE APPLICATIONS

We actively explore and steadily promote the layout of overseas markets, providing mature new energy solutions in targeted markets such as Europe, North America, Australia, Southeast Asia, the Middle East, and others. We have vehicles applied in batches in Poland, Chile, India, South Korea, Singapore, Thailand and other countries, accumulating rich overseas operation experience.



AWARDS

HONORS

01. Gold Award for Technological Innovation
02. Outstanding Contribution Gold Award at National Day Guarantee
03. Hydrogen Power Assistance Award.
04. Eco-Value Award
05. Excellent Supplier of the Year
06. Technology Leadership Award
07. Chain Development Award
08. Blue Way Pilot Award
09. Top 100 Core Components for Electric Vehicles: 2017, 2018, 2019, 2020, 2021
10. Excellent Service Award
11. Excellent Service Award
12. Beijing International Road Transport Exhibition New Energy Parts Innovative Products 2019 2020 2021
13. Best New Energy Bus Parts 2016 2017

Organizations mentioned in the infographic include: FOTON, WANXIANG, SHENLONG BUS, ZHIZI AUTOMOBILE (SHANXI AUTOMOBILE), FAN JIEKANG, BEIJING INTERNATIONAL ROAD TRANSPORT EXHIBITION, DIANCHEREN TOP 100, and HUASTRUCK.

SERVICE NETWORK

100.000

Sets Products

31

Cities Nationwide

SinovationEV's headquarters and R&D center are located in Beijing, and the two production bases are situated in Beijing and Guangdong respectively. We have accumulated, so far, nearly 100,000 sets of products for the market, with product footprints all over China, as well as Poland, Chile, India, South Korea, Singapore, Thailand, etc.

SOME OF OUR PARTNERS



- R&D CENTRE**
 - Haidian, Beijing
- PRODUCTION BASE**
 - Shunyi, Beijing
 - Zhaoqing, Guangdong



Profile

Products

Solutions

Advantages