

Power Solutions

- Telecom Power
- Server Power
- Electric Power
- Medical Power
- Display Power
- LED Power
- Laser Power
- OA Power
- Flat Panel Power
- Bi-directional Inverters for Portable Power
- Solar & BESS & EV Charging Solution

Industry Automation

- Servo System
- Control System
- Elevator Controller
- Linear Motors
- IOT Solution
- Encoder
- Variable Frequency Drive
- Internal Gear Pump

New Energy Solutions

- Multiplexed EV Charging System(OBC & DC-DC)
- Power Electronic Unit(2-in-1, 3-in-1)
- E-Compressor
- TV EDU
- Motor Control Unit
- Construction Machinery Controller
- Intelligent Active Hydraulic Suspension (i-AHS)
- Railway A/C Controller
- Railway VFD
- Light Electric Vehicle Controller
- Thermal Mgmt. System

Home Appliance Control Solutions

- Residential A/C Controller
- Commercial A/C Controller
- Heat Pump Controller
- Vehicle A/C Controller
- Solar A/C Controller
- Mini Compressor Controller
- Refrigerator Controller
- Washer/Dryer Controller
- Residential Microwave
- Industrial Microwave
- Smart Bidet
- RF Thawing System

Precision Connection

- FFC
- FPC
- Coaxial Cable
- CCS
- Litz Wire
- Peek Wire

SHENZHEN MEGMEET ELECTRICAL CO., LTD.

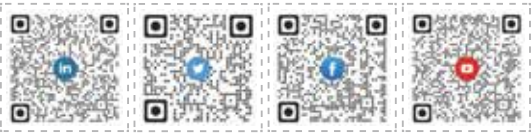
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Shenzhen, 518057, China

Version: 202504

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Q Megmeet



Construction Vehicle Solutions

Megmeet provides electromechanical and hydraulic one-stop solutions for construction vehicles, including motor controllers, motors, power supplies, chargers, hydraulics, oil pumps, and all-in-one integrated syste

An aerial photograph of a two-lane asphalt road winding through a dense, lush green forest. A single car is visible on the road, moving away from the viewer. The image is split vertically by a thin white line.

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ABOUT

MEGMEET is a comprehensive solution provider for hardware and software R&D, production, sales, and service in the field of electrical automation. With power electronics and automation control at its core, MEGMEET's main businesses include Power Solutions, Industrial Automation, New Energy Solutions, Intelligent Equipment, Home Appliance Control Solutions, and Precision Connection.

MEGMEET has established a robust R&D, manufacturing, marketing, and service platform, with over 7,500 employees worldwide. MEGMEET's global presence includes R&D Centers in China, Germany, and the United States; Manufacturing Centers in Thailand, India, and China; and Regional Offices across North America, Europe, and Asia.

MEGMEET is committed to creating a cleaner living environment for all human beings through more efficient energy utilization and improved manufacturing efficiency. MEGMEET aims to become the world leader in electrical automation and achieve the goal of MEGMEET EVERYWHERE.

 **2800+**
R&D Staff

 **10**
R&D Centers

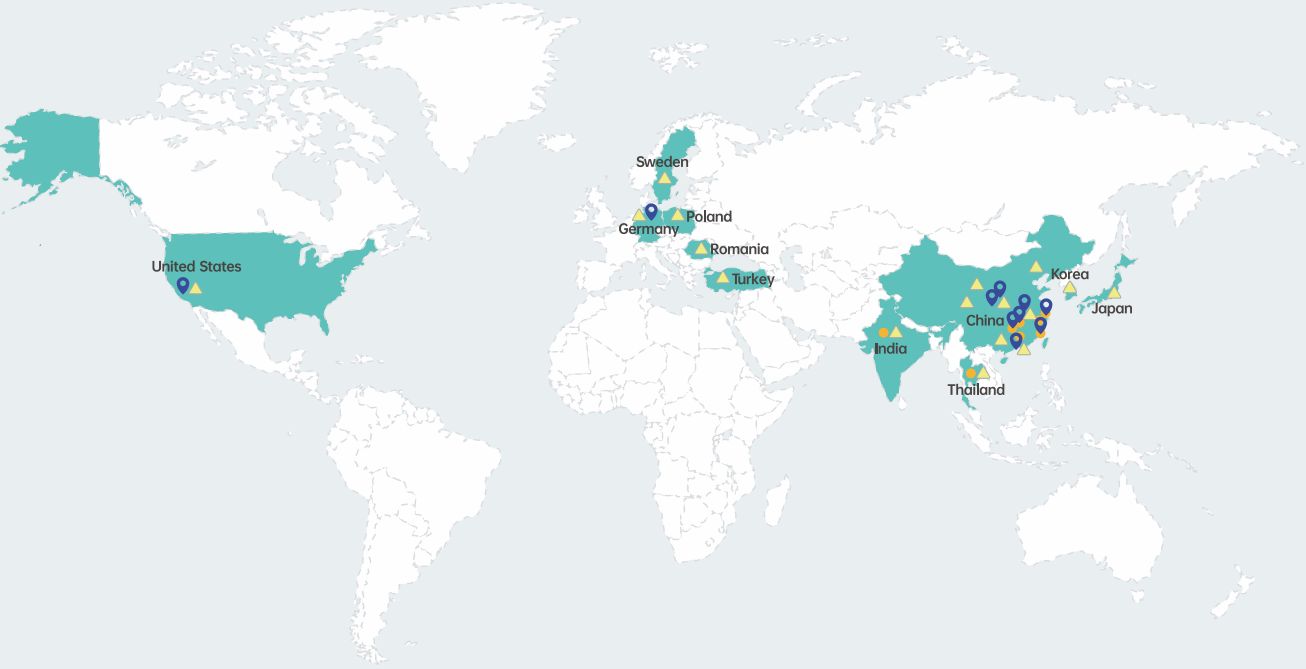
 **8**
Manufacturing Bases

 **7500+**
Total Employees

 **1800+**
No. of Patents & IP Rights



GLOBAL FOOTPRINT



 **8** Manufacturing Bases

 **10** R&D Centers

 **17** Regional Offices



Shenzhen



Zhuzhou



Changsha



Heyuan



Taizhou



United States



Wuhan



Hangzhou



Yiwu



Germany



Thailand



India

Electric forklift solutions

As the electric forklift industry harnesses the power of new energy, customers are increasingly demanding higher standards in terms of electric energy efficiency, vehicle range, and operational convenience. Original Equipment Manufacturers (OEMs) are under pressure to enhance the competitive edge of their vehicles across multiple fronts. This includes transitioning from effective control systems to achieving superior energy efficiency, expanding the adaptability to a broad spectrum of temperature environments, and elevating the comfort of the control experience. Additionally, there is a need to ensure the adaptability to complex road conditions, particularly with the integration of regenerative braking systems to optimize energy feedback. Megmeet provides a turnkey solutions for the electric forklift industry."



Electric Forklifts

Configuration Instruction



Compatible with Three-Fulcrum Electric Forklifts



Covering the Whole Series of Tonnage Counter Balanced Electric Forklifts within 10T



Voltage Level
48v, 80v, 96v, 144v, 320v



Lead-acid Batteries



Lithium Battery



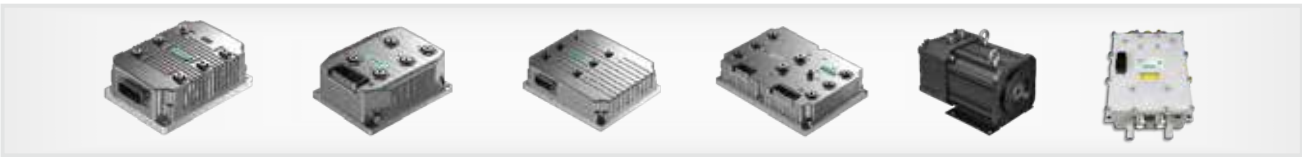
CAN Communication Gauge

Solution Feature

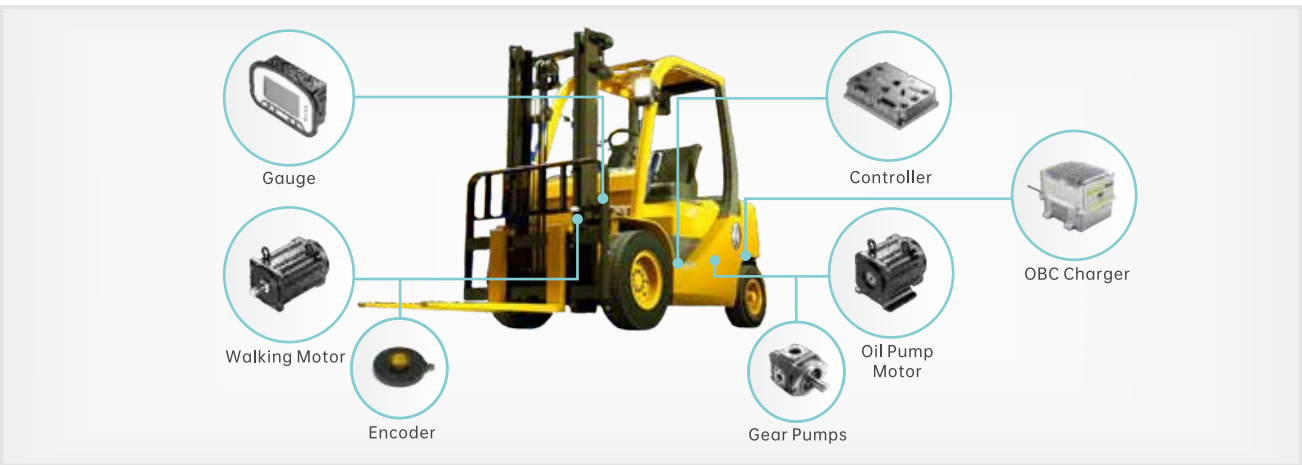
- Diversifications: single AC electronic control scheme, double AC two-in-one scheme and motor electronic control integrated scheme.
- High energy efficiency: Permanent magnet solution, low energy consumption, low cost.
- Advanced control algorithm: Single drive, dual drive, meet customer various requirements.

Technical Solution Overview

Product Sequence



Vehicle Electrical Configuration Scheme



Warehouse Forklifts

Configuration Instruction



Suitable for Electric Ride-on Storage forklifts(Class II)



Electric Pedestrian Storage Forklift(Class III)



Voltage Level
24v, 48v, 80v



Lead-acid Batteries



Lithium Battery



CAN Communication Gauge

Solution Feature

- VCU+MCU+EPS.
- The control algorithm is advanced, and the controller can realize two control modes: MCU and MCU+VCU to meet the needs of different customers.
- Single AC electronic control scheme, double AC two-in-one scheme, two-intersection scheme and integrated electromechanical control scheme.

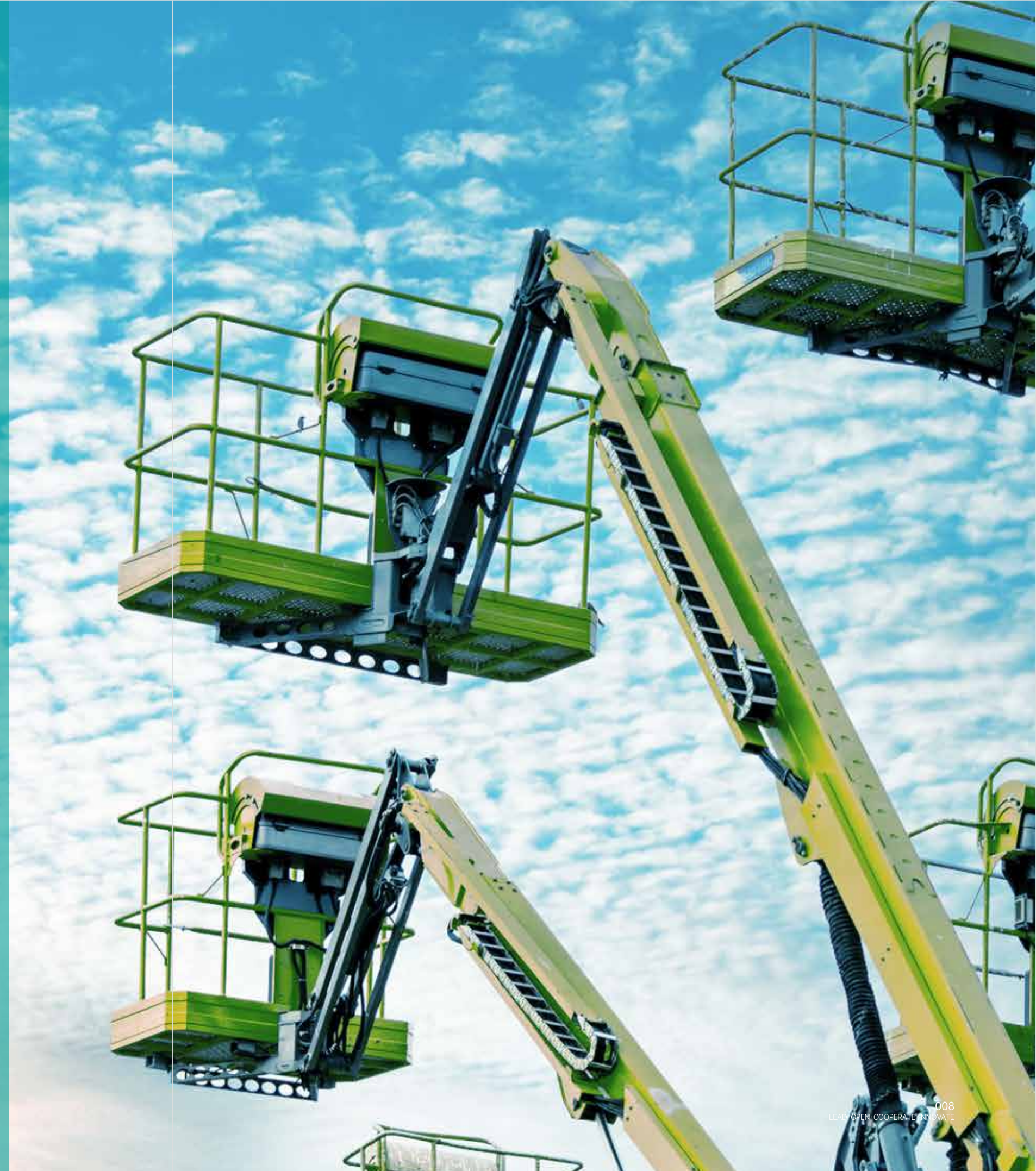
Technical Solution Overview

Product Sequence



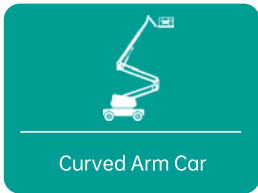
Aerial work platform solutions

Megmeet provides a comprehensive suite of aerial work platform solutions, spanning from low to high pressure applications. Our machines are designed with a lightweight and compact footprint, powered by a high-performance DSP processor. This is complemented by tailored control logic and finely tuned electronic control algorithms, all aimed at enhancing operational efficiency, safety, and reliability. Our products are engineered to offer superior performance, stable handling, and versatile functionality, ensuring they are well-suited for a wide array of aerial workplatform requirements.



Side-drive boom trucks

Configuration Instruction



Curved Arm Car



Straight-Arm Car



Lead-acid Batteries



Lithium Battery



ECU Communication Control

Solution Feature

- The side-driven articulated forklift truck comes in two types: dual-drive and four-wheel drive. The motor and reducer are directly connected to the tires, with the ECU (Electronic Control Unit) controlling the vehicle's movements and the hydraulic valves. The pump is driven in response to the ECU's speed commands.
- The system is compatible with UDS-OTA remote upgrade functionality.

Introduction to the Characteristics of the Electric Drive Solution		
Points of difference	Single-wheel drive solution	2-in-1 solution
The vehicle-mounted CAN system updates firmware, monitors waveforms, and modifies parameters	The current version does not support it; support will be available after a software update	In the tank
Cleanliness and cost of the assembly	There are more wiring harnesses and more copper bars	Cleaner and lower overall cost
Whether asynchronous & synchronous is supported at the same time	Two models	Stand-alone machines can support both
OTA remote upgrade	Yes	Yes

Technical Solution Overview

Scheme 1: L6 Four-Wheel Drive Arm Vehicle Electronic Control System

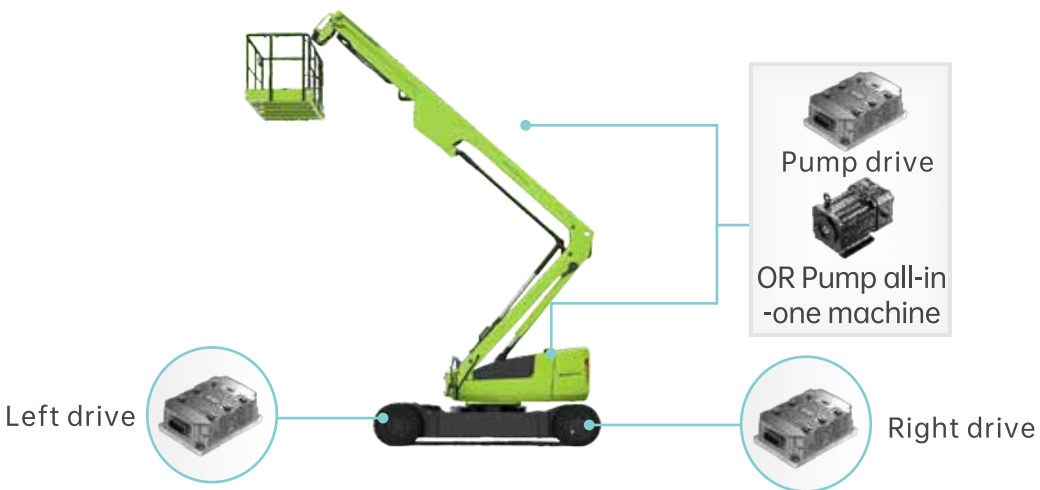


- The L6 four-wheel drive articulated boom lift's electric control system primarily consists of a 5-AC motor configuration, which includes 4 drive motors for movement and 1 pump motor. The system has been updated to include UDS-OTA (Unified Diagnostic Services - Over-The-Air) remote upgrade capabilities.

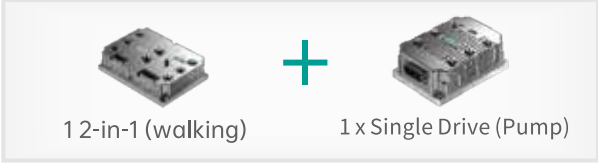


*The diagram shows the 5 AC programs

Scheme 2: L6 Dual-Wheel Drive Arm Vehicle Electronic Control System



- The electronic control system of the L6 dual-drive arm car is mainly composed of 3 AC schemes of 2 walking + 1 pump drive.



*The diagram shows the 3 AC programs

Bridge Drive Arm Car

Configuration Instruction



Curved Arm Car



Straight-Arm Car



Lead-acid Batteries



Lithium Battery



ECU Communication Control

Solution Feature

- The L6 bridge-driven articulated boom lift's electric control system is primarily composed of a dual AC motor configuration, which includes 1 drive motor for locomotion and 1 pump motor. The illustration provided showcases the bridge-driven knuckle boom lift.
- The entire vehicle's locomotive power is supplied by the travel drive system, while the pump drive system provides steering power to the front axle. The differential steering is achieved through the axle's mechanism.

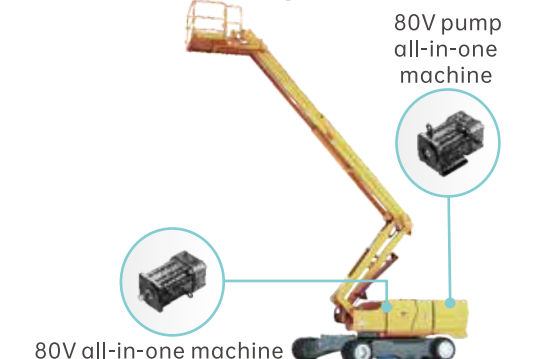
Solution Features		
Points of difference	Stand-alone solution	Mechatronic integration schemes
Harness cost	UVW power line required	After integration, the busbar terminals are directly connected
UVW line loss	In terms of energy consumption, there is a certain copper loss	Copper loss is reduced
Ingress protection	Low	High
Signal harness terminals	35PIN	8PIN
Energy conservation	General	Motors redesigned for the industry with higher efficiency

Technical Solution Overview

Stand-alone Solution



Mechatronic Integration Schemes



Hydraulic Arm Truck

Configuration Instruction



Straight-Arm Car



Curved Arm Car



Lithium Battery



Lead-acid Batteries

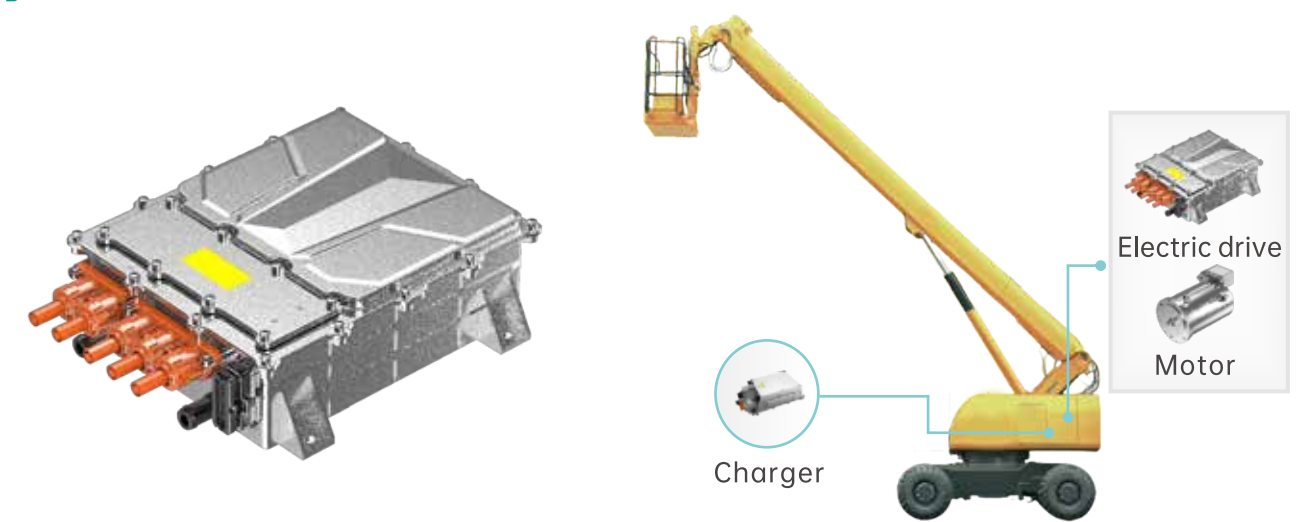


VCU Communication Control

Solution Feature

- Electric drive: IP67 protection level, high grade, half section Class 3, to meet the application of high altitude complex scenes.
- DCDC: High efficiency, high power density, high reliability, easy control and easy maintenance.
- OBC: High performance, safe and reliable, intelligent, integrated.

Technical Solution Overview



Hydraulic Driven Scissors

Configuration Instruction



4~14m Scissors



24V, 48V Voltage Platform



Lead-acid Batteries



Lithium Battery

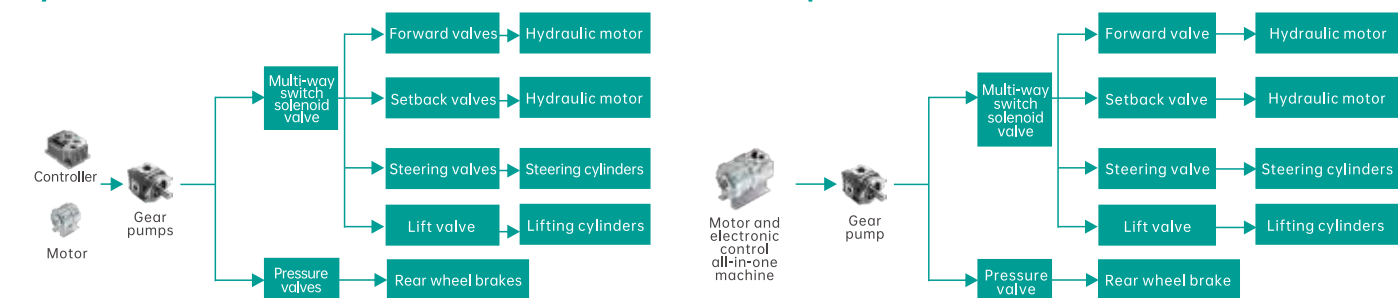


ECU Communication control

Solution Feature

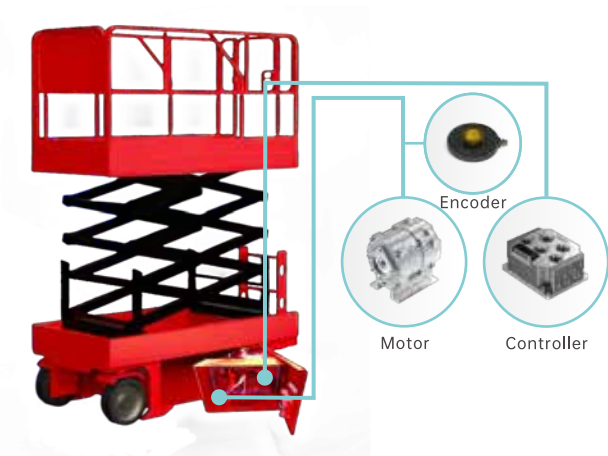
- The L6 hydraulic-driven scissor lift electric control system primarily consists of a single AC drive scheme powered by one pump.

Hydraulic Scissor Forklift Power Composition

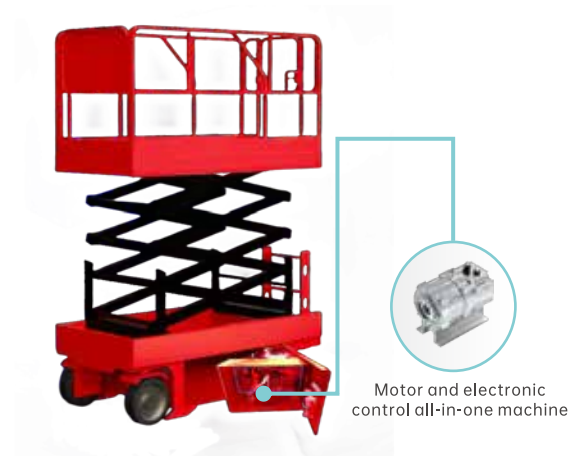


Technical Solution Overview

Stand-alone Solution



All-in-one Solution



Electrically Driven Scissors

Configuration Instruction



4~14m Scissors



24V, 48V Voltage Platform



Lead-acid Batteries



Lithium Battery



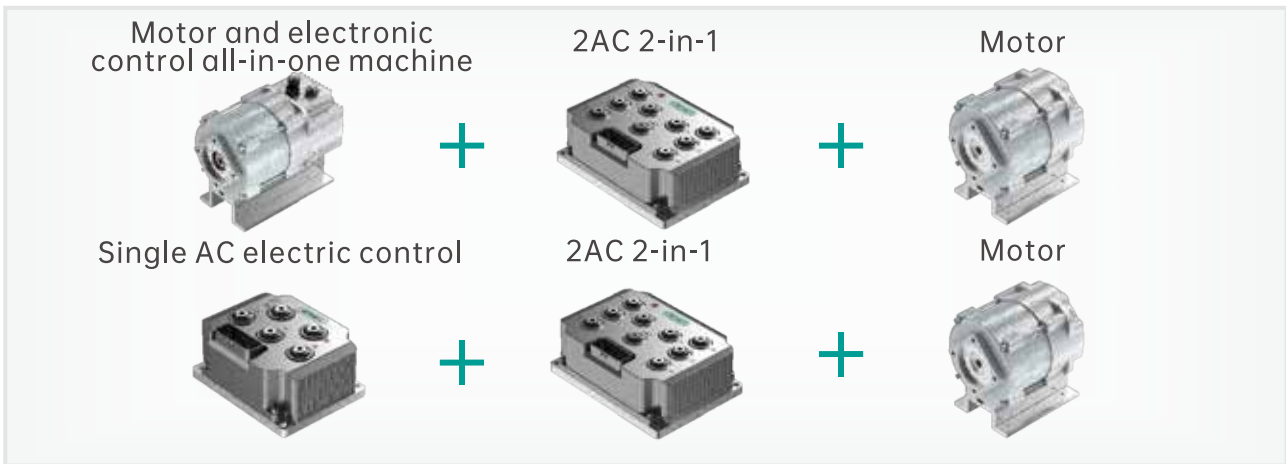
ECU Communication control

Solution Feature

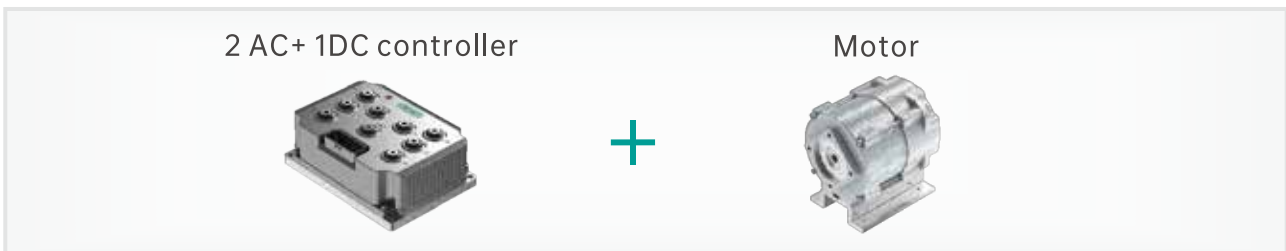
- Two main solutions for the L6 electric scissor electronic control system.
- 3 AC solution.
 - 2 AC+ 1 DC solution.

Technical Solution Overview

3 AC solution



2 AC+1 DC solution



Solutions for low-speed vehicles

The electric propulsion system for low-speed vehicles is designed with a focus on high performance, lightweight construction, and integrated technology, providing a significant boost to the market. This system not only enhances the vehicle's acceleration capabilities but also incorporates robust safety features to ensure a secure and reliable driving experience. Our objective is to drive the eco-friendly transformation of the low-speed vehicle sector, offering customers a range of travel options that are safer, more comfortable, and environmentally conscious.



Electric Golf Cart

Configuration Instruction



Product Feature

- Built-in Steep Descent ,Automatic Anti-skid,Intelligent Switch Function,Improve Active Safety.
- UL certification.

Technical Solution Overview



Sightseeing Vehicle

Configuration Instruction



Product Feature

- For customer motor calibration, optimized control parameter,integrate custom software.
- Improve high speed, heavy load acceleration and deceleration performance, high efficiency, remarkable energy saving effect.

Technical Solution Overview



Configuration Instruction

Configuration Instruction



Low Speed Vehicle Applied Type																		
Controller Type	L638-8050		L636-8045		L638-8065		L638-9650		L636-1420		L638-1435		L638-1450		L636-9620			
	L636-4820		L632-4835		L636-4845		L638-4865		L636-8025		L636-8035		L636-8040					
Applied Motors	Applied Motors / PMS/ACA(Open Loop/Close Loop)																	
Input Voltage Range	DC56V-96V				DC72V-120V				DC105V-175V				DC33V-60V				DC56V-96V	
Rated Voltage	DC80V			DC72V-120V			DC144V			DC48V				DC80V				
Rated Output Power	13KW	13.5KW	18KW	10KW	16.5KW	16KW	16KW	21.5KW	-				-					
Peak Output Power	40KW	45KW	57KW	20KW	53KW	32KW	56KW	80KW	-				-					
Rated Output Current	150A	155A	200A	100A	155A	100A	100A	135A	100A	120A	150A	200A	100A	120A	135A			
Peak Output Current (120S)	450A	500A	650A	200A	500A	200A	350A	500A	200A	350A	450A	650A	250A	350A	400A			

Product Feature

- For Customer Motor Calibration, Optimized Control Parameter,Integrate Custom Software.
- Improve high speed, heavy load acceleration and deceleration performance, high efficiency, remarkable energy saving effect.
- UL and CE certification.

Technical Solution Overview



Engineering machinery technical solution

Follow with the new energy of construction machinery, customer's more requirements including: the efficiency of the customer's use of electrical energy endurance mileage of vehicle, convenience of operation, driving comfortable.

OEMs urgently need to improve the market competitiveness of complete vehicles, from good control performance to excellent energy efficiency. From excellent control performance to outstanding energy consumption efficiency, from wide adaptability to both hot and cold environments to comfortable operating experience, and from adaptability to complex road conditions to the requirements for brake energy feedback, Megmeet provides a complete set of competitive solutions.



Electric Wheel Loader

Configuration Instruction



Mini Wheel Loader



Small Wheel Loader



Lithium Battery

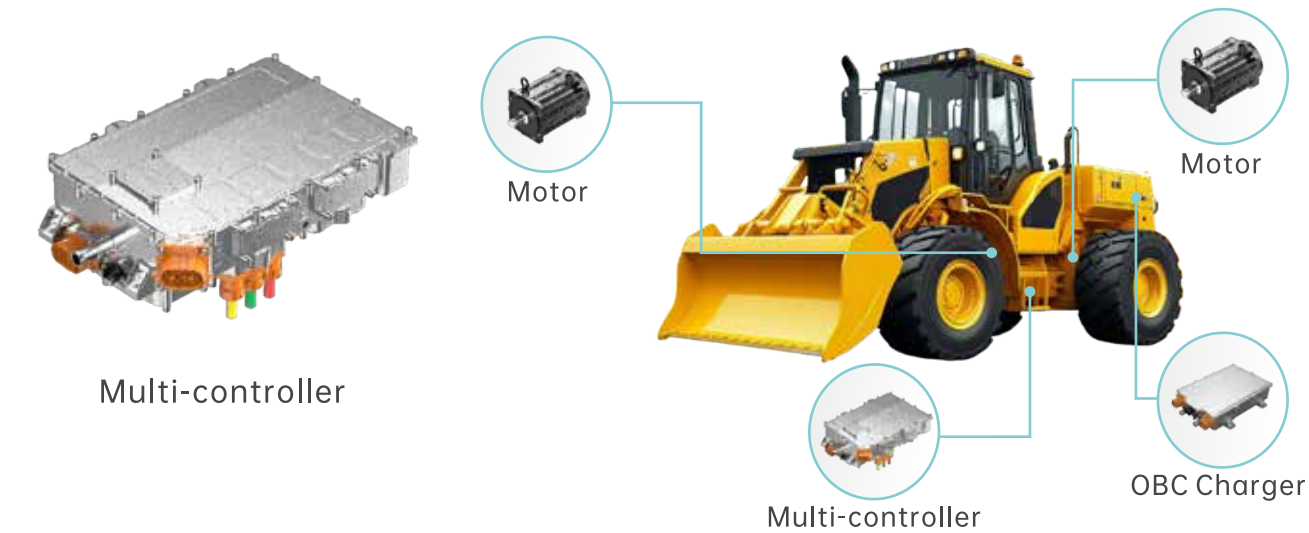


VCU Communication Control

Product Feature

- The speed of the motor can be changed by adjusting the voltage and frequency, Precise control of motor speed, improve the operational flexibility of the loader.
- DC/DC Even in the case of input voltage fluctuations or load changes, DC/DC converters maintain a stable output voltage,input and output electric isolation,improve system security.
- Reduce the products volume 30%, easy to install and maintain,Great main OEMs product layout and design optimization.
- IP68 meet worse case work conditions.

Technical Solution Overview



Electric Sanitation Truck

Configuration Instruction



Mini Electric Sanitation Truck



Medium Electric Sanitation Truck



Lithium Battery



VCU Communication Control

Product Feature

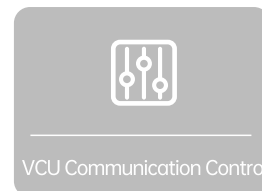
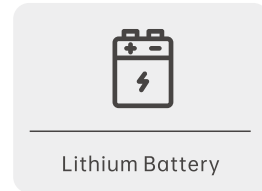
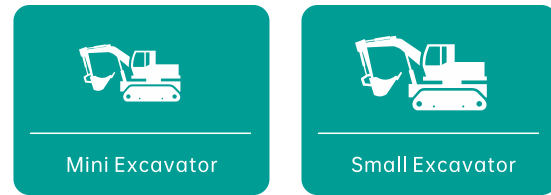
- Electric Drive: Vector control algorithm,torque pattern is reliable high torque, electric drive system start-up performance , more efficient operation.
- Top Drive: Distributedtop driver, each function is driven by a separate motor. Each component can be independently adjusted for speed and force according to operation requirements and road conditions, ensure more accurate and efficient operation results.
- DC/DC converter: Overload protection, overheating protection and short-circuit protection etc. ensure equipment safety.
- OBC: Lightweight design can reduce the vehicle total mass, carefully designed and tested ensure a long term working.

Technical Solution Overview



Excavator Pump Driver

Configuration Instruction



Product Feature

- Electric Drive: Vector advanced control algorithm, Maximize the control performance of the motor, Ensures a wide range of torque and speed control accuracy.
- DC/DC converter: Overload protection, overheating protection and short-circuit protection etc. ensure equipment safety.
- OBC: Meet ISO standard, easy to use worldwide, With precise charging control.

Technical Solution Overview



Top Driver

Configuration Instruction



Solution Feature

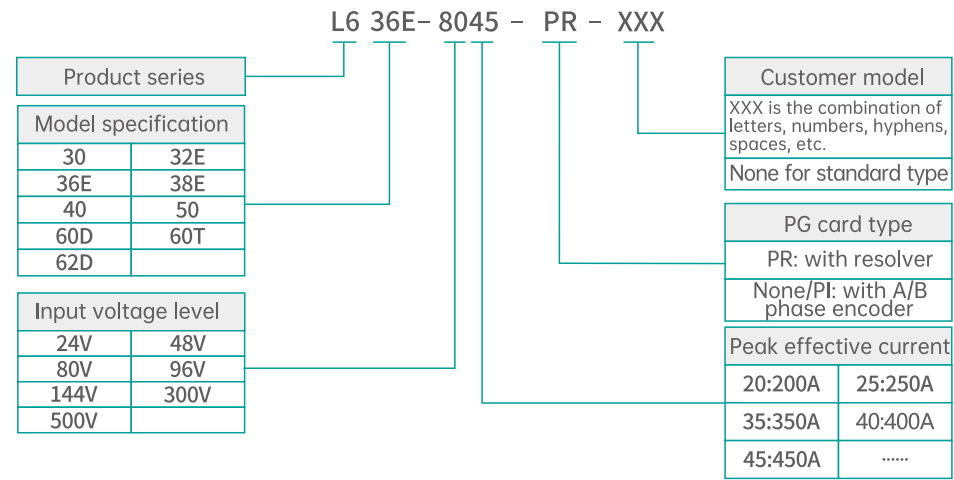
- Main Drive: The motor can provide greater starting torque, better startup performance and efficiency, Individually controlled walking or top-lift, high precision, high efficiency.
- Assist Drive: Wide voltage platform, steering oil pump air pump individual control high precision, high efficiency.
- DC/DC converter: Overload protection, overheating protection and short-circuit protection etc. ensure equipment safety.
- OBC: Lightweight design can reduce the vehicle total mass, carefully designed and tested, ensure a long term working.

Technical Solution Overview



Introduction to Low Voltage Product Series

Product Model Description



Product Series Data

Model	Voltage level	Operating voltage range	Power supply starting voltage	Output current		Cooling method
				1h	2 mins	
L630-2428-X	24VDC	20V~28V	18V	84A	280A	Natural cooling
L630-2428-Z-X	24VDC	20V~28V	18V	84A	280A	Natural cooling
L630-4820-X	48VDC	20V~28V	18V	84A	200 A (1min)	Natural cooling
L632E-2420-X	24VDC	20V~28V	18V	150A	200A	Natural cooling
L632E-2437-X	24VDC	20V~28V	18V	185A	375A	Natural cooling
L632E-4827-X	48VDC	33V~60V	28.8V	120A	275A	Natural cooling
L632E-4835-X	48VDC	33V~60V	28.8V	150A	350A	Natural cooling
L636E-4845-X	48VDC	33V~60V	28.8V	175A	450A	Natural cooling
L636E-8025-X	80VDC	56V~96V	48V	100A	250A	Natural cooling
L636E-8035-X	80VDC	56V~96V	48V	120A	350A	Natural cooling
L636E-8040-X	80VDC	56V~96V	48V	135A	400A	Natural cooling
L636E-8045-X	80VDC	56V~96V	48V	150A	450A	Natural cooling
L636E-8055-X	80VDC	56V~96V	48V	175A	550A	Natural cooling
L636E-9620-X	96VDC	72V~120V	65V	90A	200A	Natural cooling
L636E-1420-X	144VDC	105V~175V	96V	120A	200A	Natural cooling
L638E-4865-X	48VDC	33V~60V	28.8V	200A	650A	Natural cooling
L638E-8050-X	80VDC	56V~96V	48V	155A	500A	Natural cooling
L638E-8065-X	80VDC	56V~96V	48V	200A	650A	Natural cooling
L638E-9650-X	96VDC	72V~120V	65V	155A	500A	Natural cooling
L638E-1435-X	144VDC	105V~175V	96V	100A	350A	Natural cooling
L638E-1450-X	144VDC	105V~175V	96V	135A	500A (1min)	Natural cooling
L660D-2420-X	24VDC	20V~28V	18V	2*80A	2*200A	Natural cooling
L660D-2424-X	24VDC	20V~28V	18V	2*85A	2*240A (1min)	Natural cooling

Model	Voltage level	Operating voltage range	Power supply starting voltage	Output current		Cooling method
				1h	2 mins	
L660D-2428-X	24VDC	20V~28V	18V	2*90A	2*280A (1min)	Natural cooling
L660T-2420-X	24VDC	20V~28V	18V	2*80A	2*200A/ output current 280A	Natural cooling
L660T-2424-X	24VDC	20V~28V	18V	2*85A	2*240A (1min)/ output current 280A	Natural cooling
L660T-2428-X	24VDC	20V~28V	18V	2*90A	2*280A (1min)/ output current 280A	Natural cooling
L662D-4827-X	48VDC	33V~60V	28.8V	2*135A	2*270A	Natural cooling
L662D-4835-X	48VDC	33V~60V	28.8V	2*175A	2*350A	Natural cooling
L662D-4840-X	48VDC	33V~60V	28.8V	2*200A	2*400A	Natural cooling
L662D-4845-X	48VDC	33V~60V	28.8V	2*225A	2*450A	Natural cooling
L662D-8025-X	80VDC	56V~96V	48V	2*125A	2*250A	Natural cooling
L662D-8035-X	80VDC	56V~96V	48V	2*175A	2*350A	Natural cooling
L662D-8040-X	80VDC	56V~96V	48V	2*200A	2*400A	Natural cooling
L662D-8045-X	80VDC	56V~96V	48V	2*225A	2*450A	Air cooling
L668D-4865-X	48VDC	30V~65V	24V	200A	650A	Air cooling
L668D-8035-X	80VDC	56V~96V	48V	120/175A	350A	Natural cooling /Air cooling
L668D-8045-X	80VDC	56V~96V	48V	150/225A	450A	Natural cooling /Air cooling
L668D-8055-X	80VDC	56V~96V	48V	175A	550A	Air cooling
L668D-9635-X	96VDC	70V~120V	65V	120A	350A	Natural cooling
L668D-1430-X	144VDC	100V~200V	90V	100A	300A	Natural cooling

Note: * indicates that there is no such parameter.

Product Technical Specifications

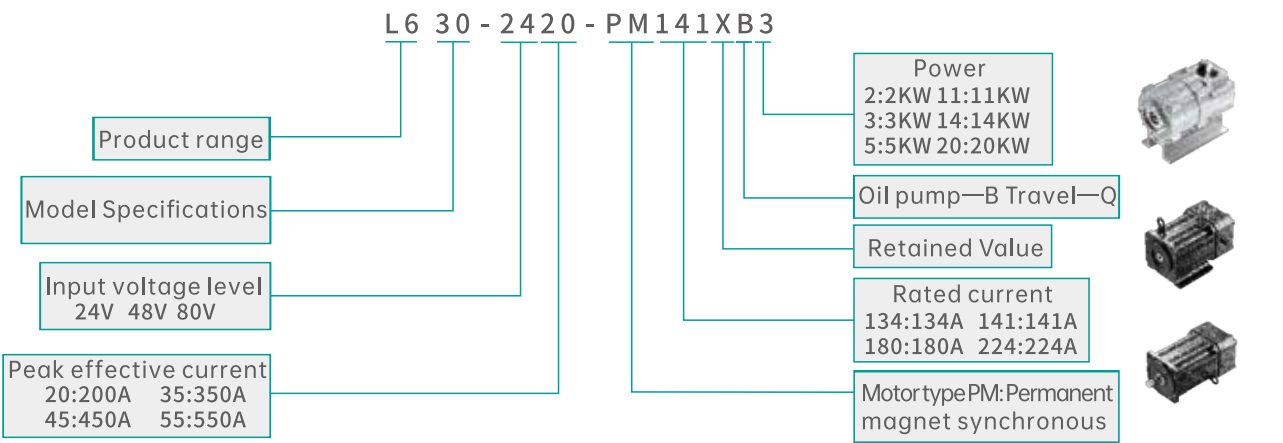
Carrier frequency		Max.8kHz	
Maximum output frequency		300Hz	
Electrical isolation voltage of radiator		500Vac	
Storage ambient temperature		-40℃~-70℃	
Operating ambient temperature		-30℃~+50℃	
EMC	Radiation emission RE	BS EN 12895: 2015+A1-2019 ISO 13766-1: 2018 EN IEC61000-6-4: 2019	
	Radiation immunity RS	ISO 13766-1: 2018 EN12895: 2015+A1-2019 EN IEC61000-6-2: 2019	
	BCI immunity	ISO 13766-1: 2018 ISO 11452-4: 2020	
	Electrostatic test ESD	EN12895: 2015+A1-2019 ISO 13766-1: 2018 EN IEC61000-6-2: 2019	
Safety regulations and environmental reliability		EN1175: 2020 T-CCMA 0129: 2022 GB/T 18488.1: 2015 GB/T18488.2: 2015	
IP rating		L630、L632E、L636E、L638E、L660D/T、L662D models	L640、L650 models
		IP65	IP67

Product Installation Data

Model	Gross weight (kg)	Dimension (mm)	Base mounting hole	Terminal screw specification	Water pipe connector
L630-2424-Z-X	1.25	155 *120 *66			
L630-2428-X	1.5	155 *120 *76	4*Ø7mm	5xM6x16	None
L630-2428-Z-X					
L632E-2420-X	2.23	180 *140 *73.5	4*Ø7mm	5xM6x16	None
L632E-2437-X					
L632E-4827-X					
L632E-4835-X					
L636E-4845-X	4.12	232 *165 *92	4*Ø7mm	5xM8x16	None
L636E-8025-X					
L636E-8035-X					
L636E-8040-X					
L636E-8045-X					
L636E-9620-X					
L636E-1420-X	6.37	232 *275 *92	4*Ø7mm	6xM8x16	None
L638E-4865-X					
L638E-8050-X					
L638E-8065-X					
L638E-9650-X					
L638E-1435-X					
L638E-1450-X	5.6	299 *242 *127.28	4*Ø10mm	5xM6x16	None
L640-4D12-X				5xM6x16	None
L640-4D20-X				5xM6x16	5*Ø20±0.2
L640-4D30-X	5.4	322 *242 *131.5			
L650-5D60-X	11.5	417 *280.4 *175	3*Ø10mm	5xM6x16	5*Ø20±0.2
L650-5D90-X					
L650-5DB0-X					
L660D-2420-X	2.48	206 *150 *69.3	4*Ø7.5mm	9xM6x16	None
L660D-2424-X					
L660D-2428-X					
L660T-2420-X					
L660T-2424-X	5.36	275 *200 *69.5	4*Ø7.5mm	8xM8x16	None
L660T-2428-X					
L662D-4827-X					
L662D-4835-X					
L662D-4840-X					
L662D-4845-X					
L662D-8025-X					
L662D-8035-X					
L662D-8040-X	2.48	206 *150 *69.3	4*Ø7.5mm	9xM6x16	None
L662D-8045-X					

* Note: Our company provides 2D and 3D files of the corresponding models. Please contact our technical staff if necessary.

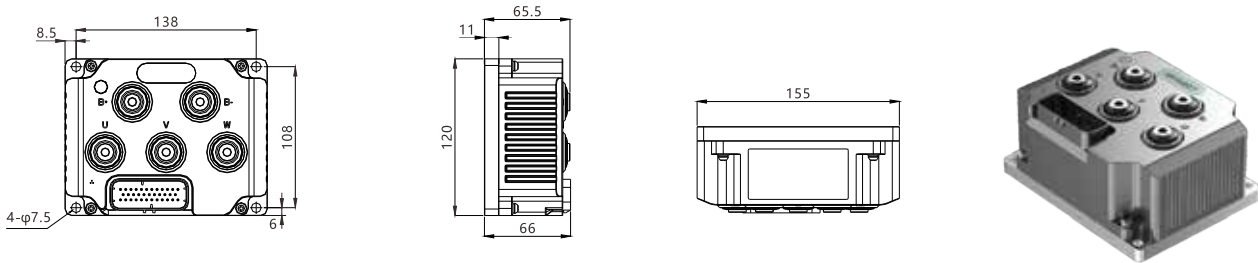
All-in-one product model introduction



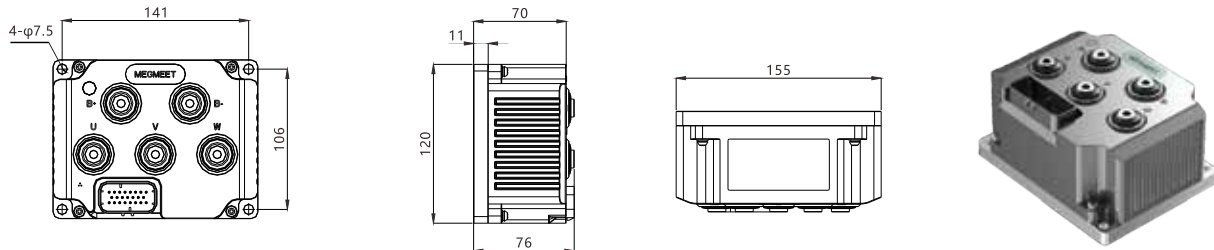
Model	Voltage level	Working power Pressure range	Power supply start current	Peak output					Rated output					Peak Speed (RPM)	IP rating	Cooling Method
				Dyna-mic volta-ge (A)	Torque N.m	Peak speed (rpm)	Torque Power (KW)	Work system	Curr-ent (A)	Torque (N.m)	Rated torque lower speed (rpm)	Power (KW)	Work system			
L630-2420-PM136XB2	24VDC	20V~28V	18V	136	15	1400	2.2	S2-2min	44	4.4	3218	1.5	S2-60min	3450	IP67	Natural cooling
L630-2420-PM141XB3	24VDC	20V~28V	18V	210	24	1590	4	S2-2min	95	9.44	2500	2.5	S2-60min	4000	IP67	Natural cooling
L630-2428-PM158XQ4	24VDC	20V~28V	18V	269	20	1500	4.4	S2-2min	158	12	3000	3.8	S2-40min	3500	IP67	Natural cooling
L630-4811-PM065XB3	48VDC	33V~60V	28.8V	112	23	1500	3.6	S2-8min	65	13	1830	2.5	S2-30min	3500	IP67	Natural cooling
L630S-8006-PM027DB2	80VDC	56V~96V	48V	54	17	1000	3.7	S2-2min	27	8	2500	2	S2-60min	3000	IP67	Natural cooling
L630E-8010-PM52XB3	80VDC	56V~96V	48V	100	40	1500	6.9	S2-2min	52	21	1500	3.3	S2-15min	3500	IP67	Natural cooling
L630S-8010-PM045DB4	80VDC	56V~96V	48V	106	43	1000	7.5	S2-2min	44.5	18	2000	3.7	S2-60min	3500	IP67	Natural cooling
L636E-8045-PM121XQ5	80VDC	56V~96V	48V	318	180	750	14.1	S2-2min	121	10.5	4100	4.5	S2-60min	4100	IP67	Natural cooling
L636E-8025-PM62XQ6	80VDC	56V~96V	48V	261	120	350	4.4	S2-1min	62	15	3100	4.9	S2-60min	3500	IP67	Natural cooling
L636E-8040-PR-PM147XQ8	80VDC	56V~96V	48V	371	180	1400	26	S2-1min	146	13.1	5500	7.5	S2-60min	6500	IP67	Natural cooling
L636E-8045-PR-PM128XB8	80VDC	56V~96V	48V	243	60	1000	10	S2-4min	128	30	2600	8.2	S1	3300	IP67	Natural cooling
L636E-8055-PR-PM140XQ11	80VDC	56V~96V	48V	440	280	700	30	S2-2min	170	27	3700	10	S2-30min	3700	IP67	Natural cooling
L636E-8045-PR-PM127XB10	80VDC	56V~96V	48V	253	120	1800	22.6	S2-2min	107	50	1910	10	S2-60min	3000	IP67	Natural cooling
L636E-8035-PM180XB14	80VDC	56V~96V	48V	279	116	1800	21.8	S2-2min	184	76	1800	14	S2-15min	1800	IP67	Natural cooling
L636E-8055-PR-PM224XB23	80VDC	56V~96V	48V	293	103	2500	27	S2-10min	175	55	2700	15.5	S1	2700	IP67	Natural cooling
L636E-8035-PR-PM224XB20	80VDC	56V~96V	48V	268	170	1800	32	S2-2min	224	106	1800	20	S2-15min	3000	IP67	Natural cooling
L636E-8055-PM75XB3	80VDC	56V~96V	48V	332	118.8	2300	29	S2-10min	316	113.5	2000	23.7	S2-15min	2400	IP67	Natural cooling
L636E-8055-PM318XB30	80VDC	56V~96V	48V	369	160	1000	37	S2-5min	318	130	2200	30	S2-10min	3000	IP67	Natural cooling

Product Dimensions

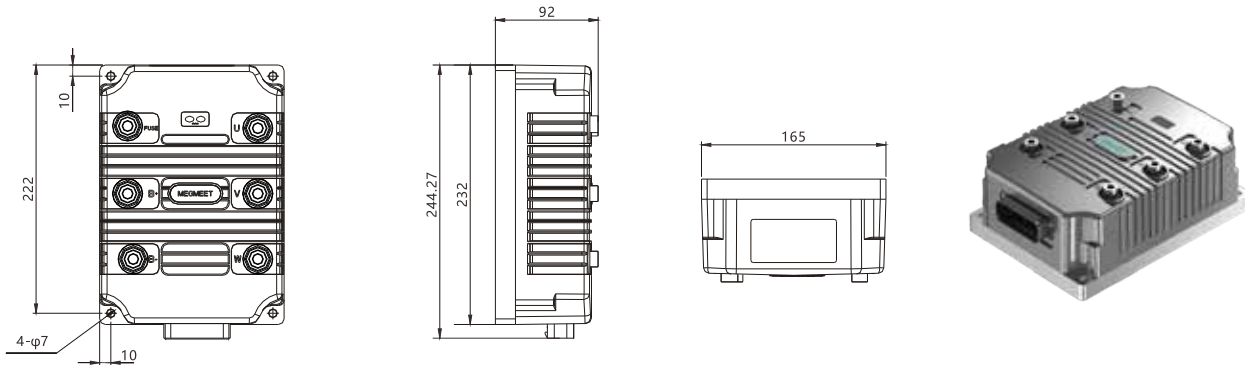
L630-2424-Z Mounting Dimensions



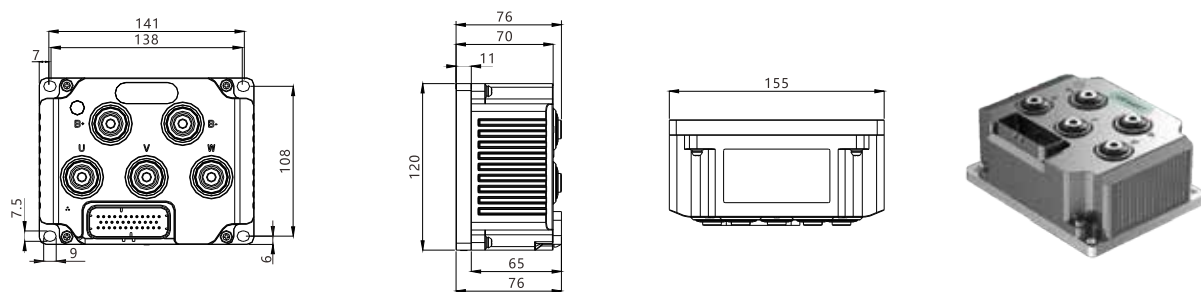
L630-2428 Mounting Dimensions



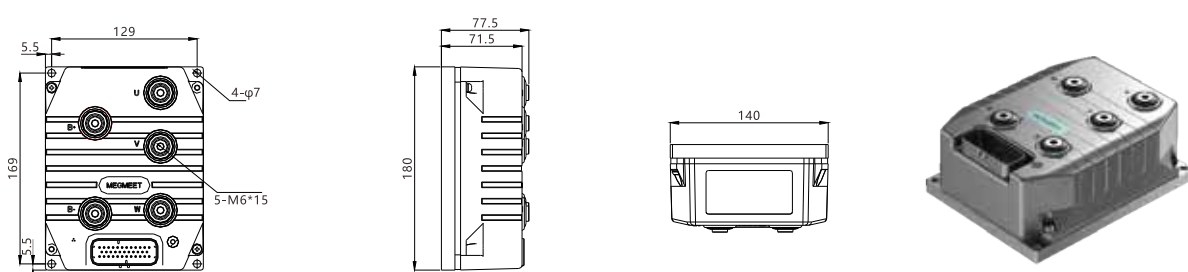
L636E Mounting Dimensions



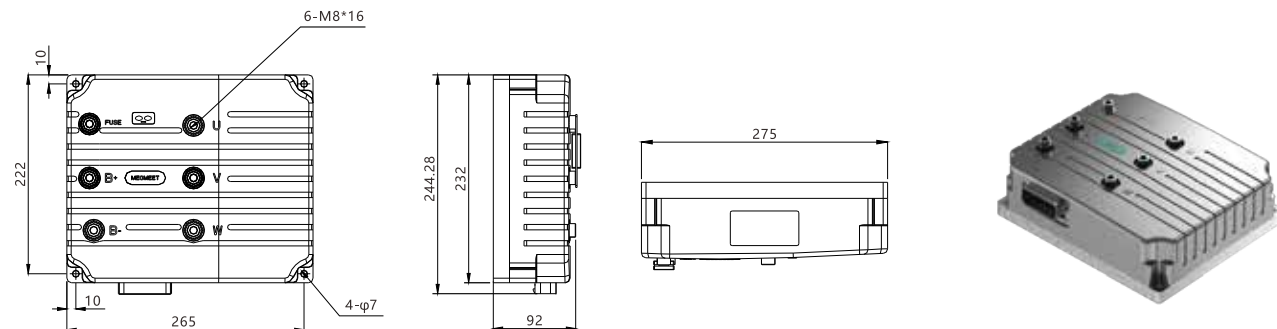
L630-2428-Z Mounting Dimensions



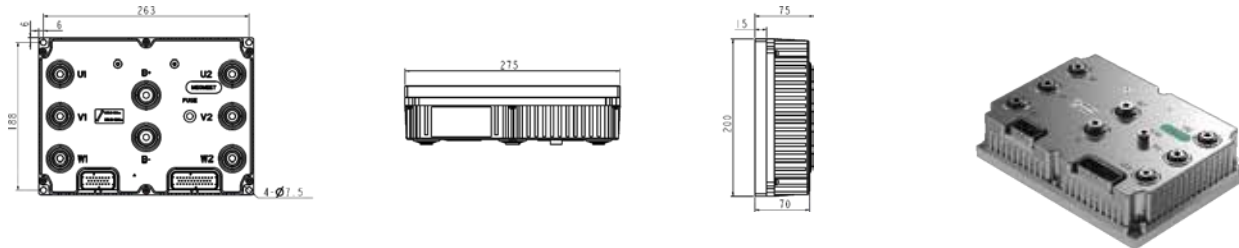
L632E Mounting Dimensions



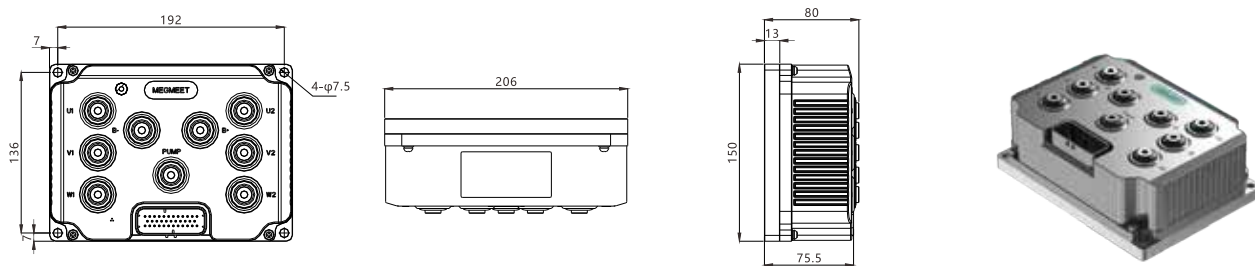
L638E Mounting Dimensions



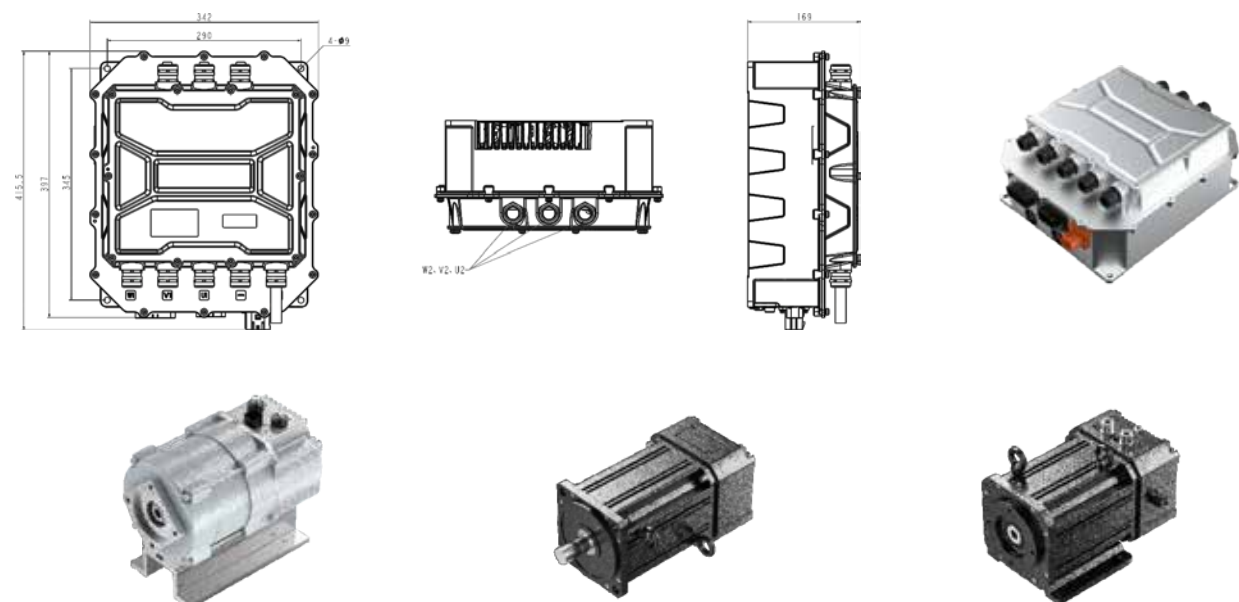
L662D Mounting Dimensions



L660D/T Mounting Dimensions



L668D Mounting Dimensions

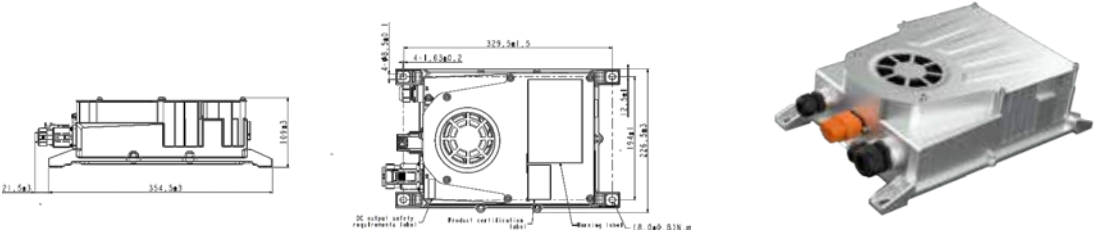


OBC Chargers Introduction

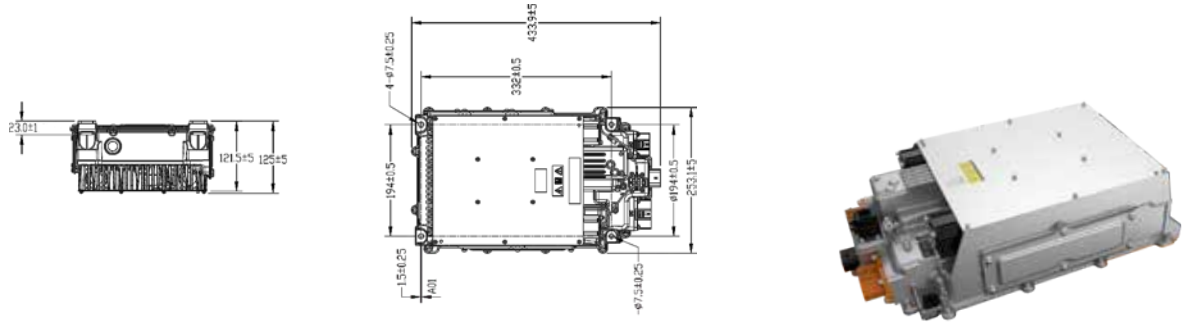
Products Series Data

Type	Voltage	Product Series	Voltage Range	Max. Current	Max. Power	Cooling	Protection Grade
OBC单机	24V	MC1524-XXX	3-32.5Vdc	15A	480W	Natural	IP67
		MC3024-XXX	3-32.5Vdc	30A	850W	Natural	IP67
		MC3624-XXX	3-32.5Vdc	36A	1100W	Natural	IP67
	48V	MC4048-XXX	6-68Vdc	40A	2000W	Air Cooling	IP67
		MC6048-XXX	6-68Vdc	60A	3000W	Air Cooling	IP67
	80V	MC2580-XXX	60-110Vdc	25A	2000W	Air Cooling	IP67
		MC4080-XXX	60-110Vdc	40A	3200W	Air Cooling	IP67
DCDC单机	48V	LEVP300-D48	35-70Vdc	21.5A	300W	Natural	IP67
	84V	LEVP300-D84	50-115Vdc	21.5A	300W	Natural	IP67
	84V	LEVP500-D84	50-115Vdc	36.5A	500W	Natural	IP67
OBC&DCDC 二合一	72V	LPF722K0IACG1-ZSEK	48-85Vdc	35A	2000W(OBC)	Air Cooling	IP67
				36A	500W(DCDC)		

MC6048&MC4080

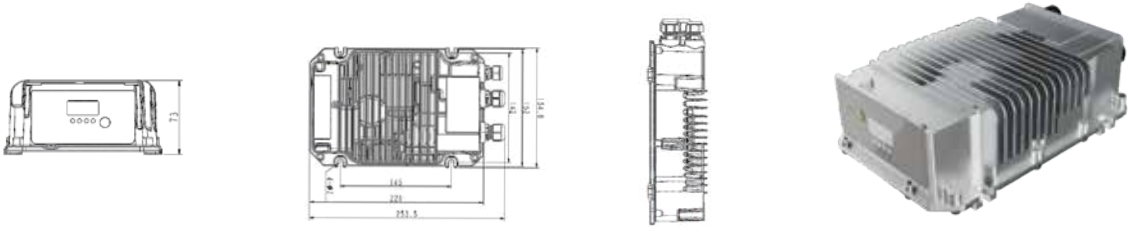


MC8080

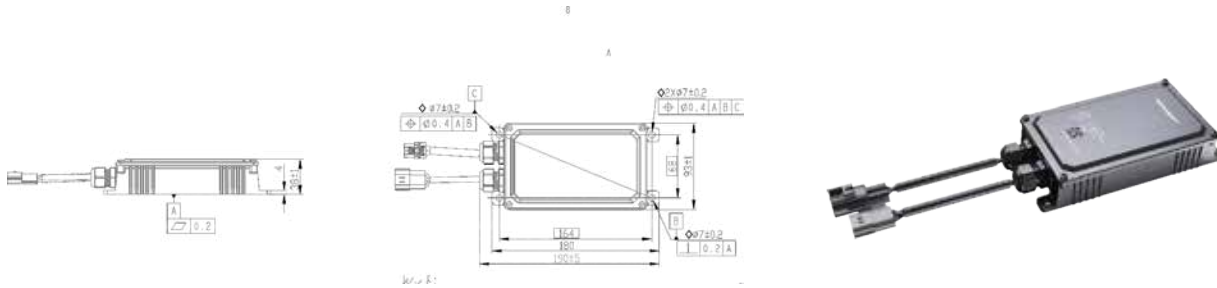


Products Outlook Dimensions

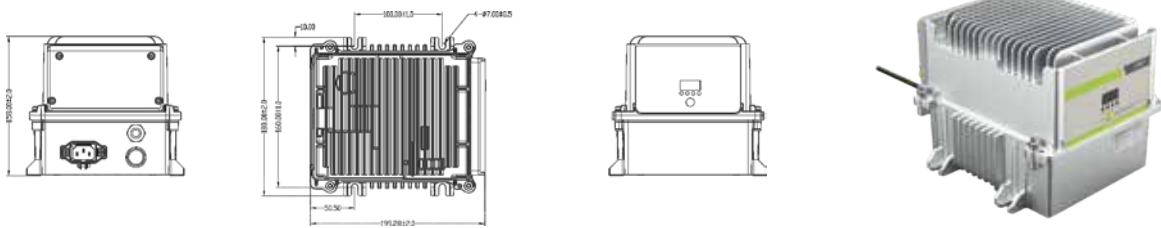
MC1524



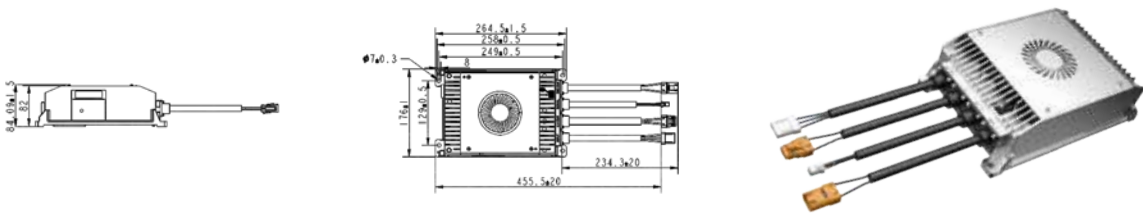
LEVP300-D48&LEVP300-D84&LEVP500-D84



MC3024&MC3624

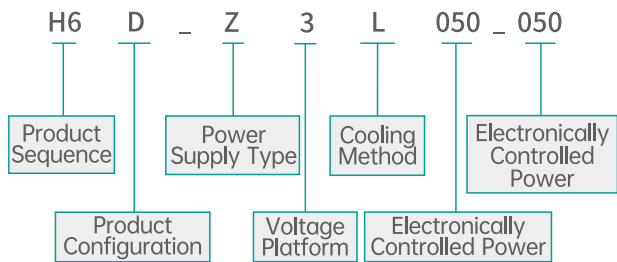


LPF722K0IACG1-ZSEK



High Voltage Products Series Data

Products Specification



Voltage	Product Sequence	Rated Power	Peak Power	Curent Rating	Peak Current	Cooling	Protection Grade
DC 320V	H6S-Z3F3P0	3kW	4kW	10A	13A	Forced Air Cooling	IP67
	H6S-Z3F4P0	4kW	7kW	13A	23A	Forced Air Cooling	IP67
	H6S-Z3F7P5	7.5kW	12kW	27A	40A	Forced Air Cooling	IP67
	H6S-Z3N7P0	7kW	21kW	30A	90A	Self-Cooling	IP67
	H6S-Z3F030	30kW	60kW	100A	200A	Forced Air Cooling	IP67
	H6S-Z3L040	40kW	80kW	120A	260A	Liquid Cooling	IP67
	H6S-Z3L060	60kW	100kW	170A	300A	Liquid Cooling	IP68
	H6S-Z3L080	80kW	140kW	240A	400A	Liquid Cooling	IP68
	H6S-Z3L120	120kW	185kW	350A	540A	Liquid Cooling	IP68
	H6D-Z3L050-050	50kW&50kW	100kW&100kW	150A&150A	300A&300A	Liquid Cooling	IP68
	H8S-Z3L140	140kW	190kW	400A	550A	Liquid Cooling	IP68
	H8D-Z3L100-100	100kW&100kW	140kW&140kW	300A&300A	410A&410A	Liquid Cooling	IP68
	H8D-Z3L140-100	140kW&100kW	190kW&140kW	400A&300A	550A&410A	Liquid Cooling	IP68

Voltage	Product Sequence	Rated power	Peak Power	Curent Rating	Peak Current	Cooling	Protection Grade
540V DC	H6S-Z5F5P5	5.5kW	7.5kW	10A	13A	Forced Air Cooling	IP67
	H6S-Z5F7P5	7.5kW	13kW	13A	23A	Forced Air Cooling	IP67
	H6S-Z5F015	15kW	23kW	27A	40A	Forced Air Cooling	IP67
	H6S-Z5L060	60kW	120kW	100A	210A	Liquid Cooling	IP68
	H6S-Z5L090	90kW	140kW	170A	300A	Liquid Cooling	IP68
	H6S-Z5L120	120kW	190kW	240A	400A	Liquid Cooling	IP68
	H6S-Z5L170	170kW	260kW	350A	540A	Liquid Cooling	IP68
	H6D-Z5L110-110	110kW&110kW	220kW&220kW	220A&220A	450A&450A	Liquid Cooling	IP68
	H8S-Z5L060	60kW	120kW	120A	260A	Liquid Cooling	IP68
	H8S-Z5L145	145kW	200kW	300A	410A	Liquid Cooling	IP68
	H8D-Z5L145-145	145kW&145kW	200kW&200kW	300A&300A	410A&410A	Liquid Cooling	IP68

Products Character

Product Performance Standards

- Meet GB/T 18488-2024 Drive motor systems for electric vehicles.
- Meet GB/T18655-2018 Vehicles, boats and internal combustion engines - Radio disturbance characteristics- Limits and methods of measurement for the protection of on-board receivers.
- Meet GB/T 36282-2018 Electromagnetic compatibility requirements and test methods of drive motor system for electric vehicles.
- Meet GB/T 2408-2008 Determination of the combustion poperties of plastics by horizontal and vertical methods.
- Meet GB/T 18384.5-2020 Electric vehicle safety requirements Part 5 Protection against electric shock.
- Meet ISO 26262 Road vehicles — Functional safety.

Strong Suitability

- PMS (Open Loop/Close Loop).
- Adaptive full input voltage range 200-800V.
- Output 1KHz Max.
- High protection grade IP67IP68.
- All series product meet CE standards.
- All series product can realize OTA and debug.
- Single drive, multi-in-one all cover applications.

Certifications



Multi Interface

- Compatible with vehicle sealing I/O, meet multi control requirement.
- Independent debugging CAN interface, easy to maintain and debug.

Advanced Algorithm Control

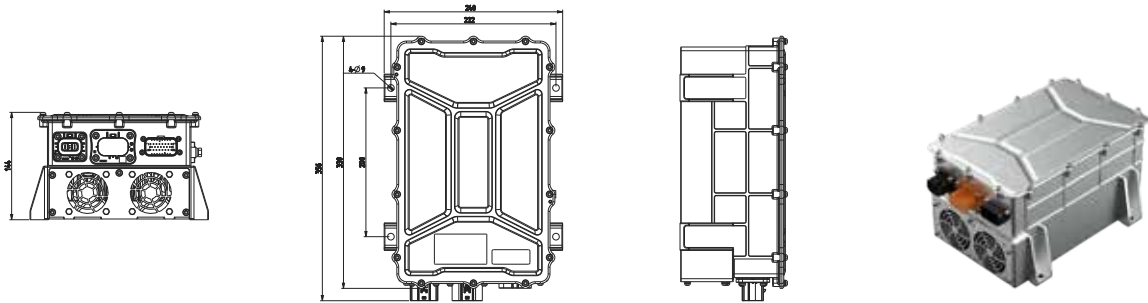
- Suitable all kinds of customer motor requirements, custom features and algorithms on a common software platform, parameter optimization, enhance high speed, heavy load, dynamic torque, acceleration and deceleration, stability, high efficiency, enhanced system performance, energy saving effective.

Product Installation Data

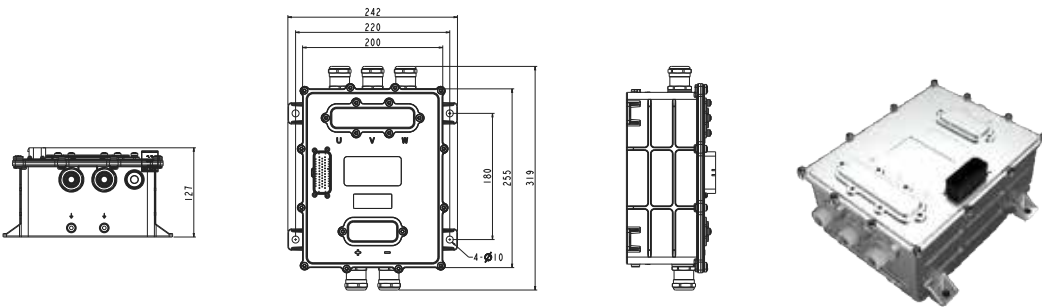
Model	Gross weight (kg)	Dimension (mm)	Base mounting hole	Terminal screw specification	Water pipe connector
H6S-Z3F3P0	4.5	260*160*150	4*Ø9	M4*12	-
H6S-Z3F4P0	4.5	260*160*150	4*Ø9	M4*12	-
H6S-Z3F7P5	4.5	260*160*150	4*Ø9	M4*12	-
H6S-Z3N7P0	5.5	319*242*127	4*Ø10	M5*12	-
H6S-Z3F030	12.5	319*242*241	4*Ø10	M5*12	-
H6S-Z3L040	5.5	319*242*132	4*Ø10	M5*12	Ø20
H6S-Z3L060	10	373*310*118.5	4*Ø10	M6*25	Ø20
H6S-Z3L080	10	373*310*118.5	4*Ø10	M6*25	Ø20
H6S-Z3L120	10	373*310*118.5	4*Ø10	M6*25	Ø20
H6D-Z3L050-050	14	497*304*145	4*Ø9	M6*20	Ø20
H6S-Z5F5P5	5.5	260*160*150	4*Ø9	M4*12	-
H6S-Z5F7P5	5.5	260*160*150	4*Ø9	M4*12	-
H6S-Z5F015	5.5	260*160*150	4*Ø9	M4*12	-
H6S-Z5L060	10	373*310*118.5	4*Ø10	M6*25	Ø20
H6S-Z5L090	10	373*310*118.5	4*Ø10	M6*25	Ø20
H6S-Z5L120	10	373*310*118.5	4*Ø10	M6*25	Ø20
H6S-Z5L170	10	373*310*118.5	4*Ø10	M6*25	Ø20
H6D-Z5L110-110	14	497*304*145	4*Ø9	M6*20	Ø20

Products Outlook Dimensions

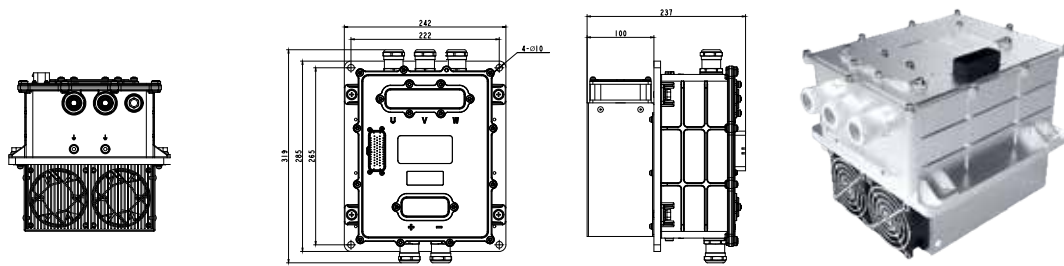
H6S-Z3F7P5 series、H6S-Z5F015



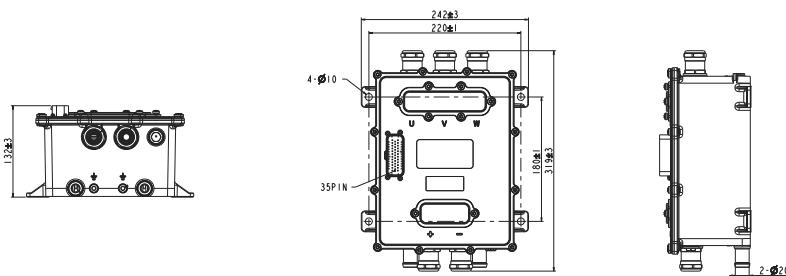
H6S-Z3N7P0



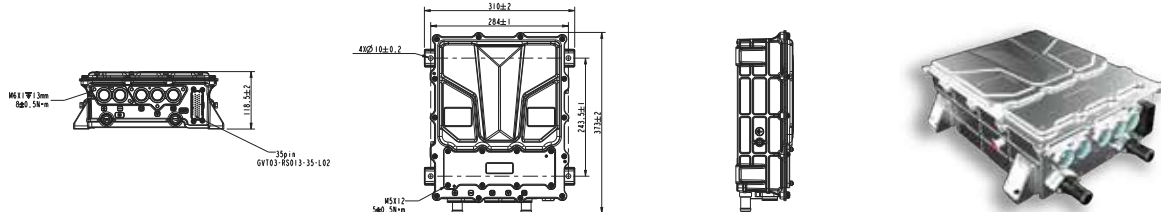
H6S-Z3F030



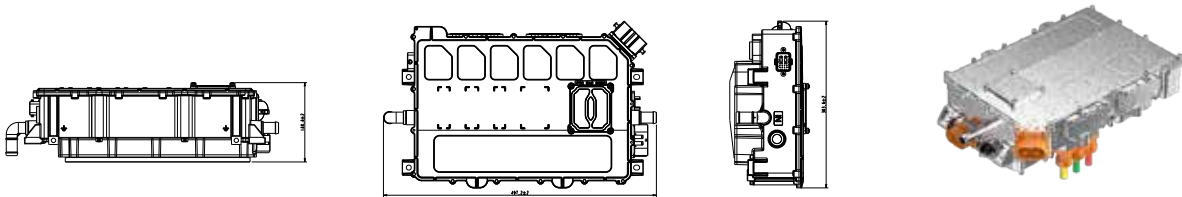
H6S-Z3L040



H6S-Z3L120、H6S-Z5L120



H6D-Z3L050-050、H6D-Z5L110-110



CORPORATE CULTURE



Megmeet Everywhere
Transforming Your Everyday

LEAD

OPEN

COOPERATE

INNOVATE