MEGMEET

Light e-Mobility Solutions

Engineered to Empower™ Smarter, Faster, and More Reliable Light e-Mobility Solutions

Focused on light e-Mobility, MEGMEET offers a core component portfolio covering powertrain systems, charging and power conversion, and intelligent vehicle control and connectivity — driving the evolution of light electric transportation with integrated system solutions.

MEGMEET

Engineered to Empower™

About Us

MEGMEET is a $1.3B global power and energy company specializing in high-efficiency power solutions for datacenters, e-Mobility, healthcare, industrial automation and renewable energy. With R&D, manufacturing facilities and global operations across North America, India, Thailand, China and Germany, MEGMEET is Engineered to Empower™ the future of AI, Industrial, and e-Mobility Markets.

$1.3B USD
Revenue 2025

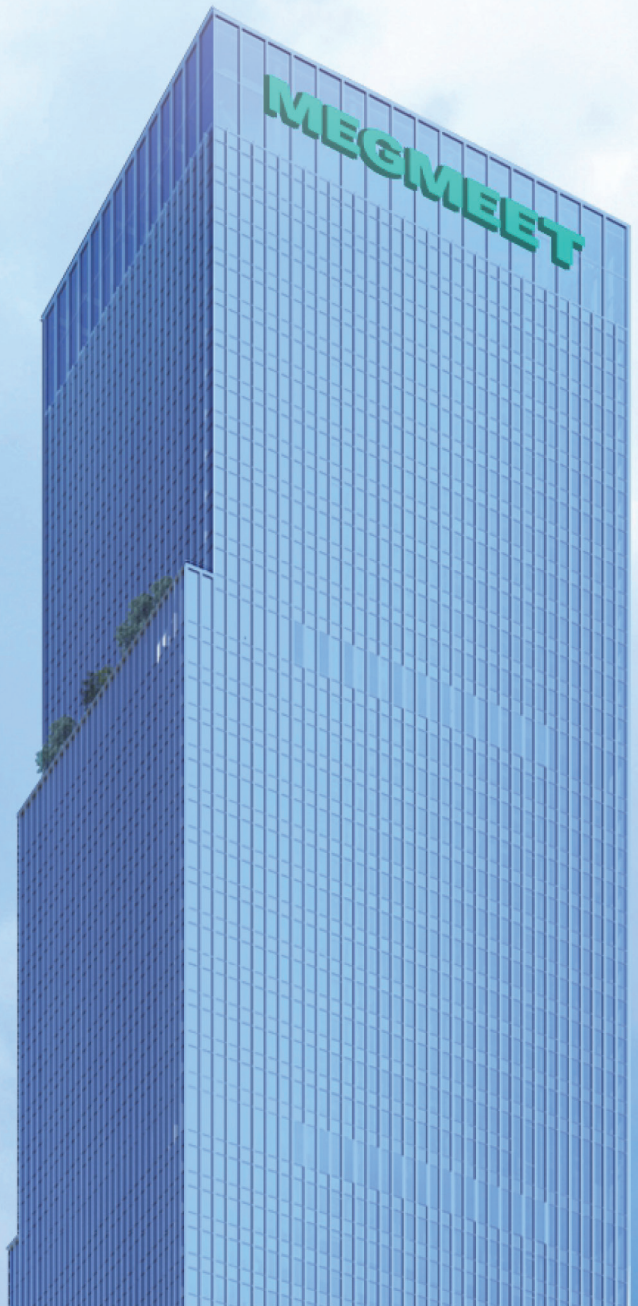
28%
Revenue CAGR
2015–2025

10
R&D Centers

8
Manufacturing
Centers

34%
R&D Staff

10K+
Total Employees



Powertrain Products

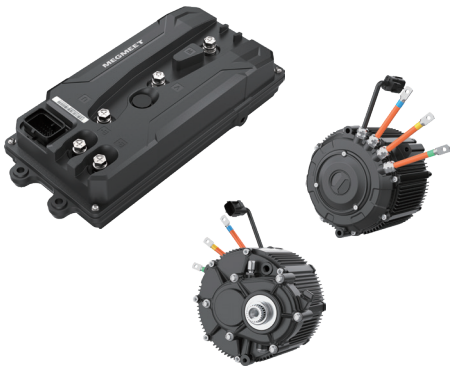
ME3059 Series Powertrain System

The air-cooled ME3059 & ME3059B and water-cooled ME3059C powertrain systems are composed of advanced MOS-module motor controllers, hairpin-wound motors and reduction gearboxes. Featuring superior performance, high power density, high IP protection rating, great safety and reliability, optimized NVH, responsive handling and remarkable energy efficiency, they are mainly used for electric motorcycles, ATV, UTV, SSV and golf carts.

ME3059

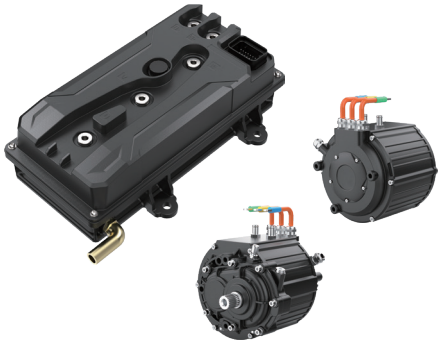
Category	Parameter	Value	
		Motor	Motor Controller
Performance Parameter	Rated Operating Voltage	96 V	96 V
	Rated Power	8 kW	10 kW
	Rated Torque	32 N·m	/
	Rated Speed	2385 RPM	/
	Peak Power	20 kW	22 kW
	Peak Torque	80 N·m	/
	Peak Speed	7500 RPM	/
	Maximum Efficiency	94%	≥ 97%
	Max.Input Current (Bus)	/	260 A / 20s max
Structural Parameter	Cooling Method	Natural cooling, air-cooling compatible	
	IP Grade	IP67	IP67
	Dimensions	293 mm × 202 mm × 171 mm	274 mm × 124 mm × 62 mm
Accessory Parameter	Position Sensor	Magnetic Encoder	/

ME3059B



Category	Parameter	Value	
		Motor	Motor Controller
Performance Parameter	Rated Operating Voltage	96 V	96 V
	Rated Power	8 kW	10 kW
	Rated Torque	32 N·m	/
	Rated Speed	2385 RPM	/
	Peak Power	20 kW	22 kW
	Peak Torque	80 N·m	/
	Peak Speed	7500 RPM	/
	Maximum Efficiency	94%	≥ 97%
	Max.Input Current (Bus)	/	260 A / 20s max
Structural Parameter	Cooling Method	Natural cooling, air-cooling compatible	
	IP Grade	IP67	IP67
	Dimensions	293 mm × 202 mm × 171 mm	274 mm × 124 mm × 62 mm
Accessory Parameter	Position Sensor	Magnetic Encoder	/

ME3059C



Category	Parameter	Value	
		Motor	Motor Controller
Performance Parameter	Rated Operating Voltage	86 V	86 V
	Rated Power	15 kW	18 kW
	Rated Torque	47.75 N·m	/
	Rated Speed	3000 RPM	/
	Peak Power	35 kW	38 kW
	Peak Torque	105 N·m	/
	Peak Speed	10500 RPM	/
	Maximum Efficiency	94.19%	≥ 97%
	Max.Input Current (Bus)	/	450 A / 30s max
Structural Parameter	Cooling Method	Water cooling (Rated: 10 L/min)	
	IP Grade	IP67	IP67
	Dimensions	230 mm × 208 mm × 208 mm	270 mm × 167 mm × 76 mm
Accessory Parameter	Position Sensor	Magnetic Encoder	/

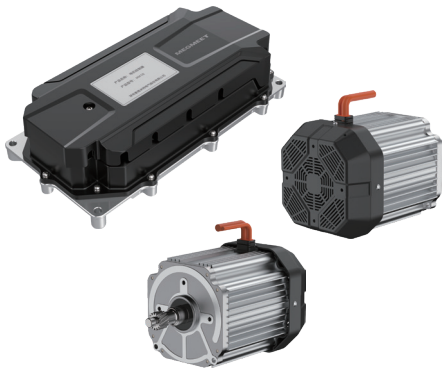
ME0112&ME1028&ME2028A

ME0112&ME1028&ME2028A powertrain systems consist of elaborately designed, precisely manufactured motor controllers paired with high-efficiency PMSM motors. They deliver outstanding performance, high IP protection rating, reliable safety and superior energy efficiency. They are mainly used for new energy passenger and cargo three-wheeler motorcycles, and can also be used for other new energy light electric vehicles.

ME0112

Category	Parameter	Value	
		Motor	Motor Controller
Performance Parameter	Rated Operating Voltage	48 V	48 V / 60 V
	Rated Power	0.8 kW	1.2 kW
	Rated Torque	2.5 N·m	/
	Rated Speed	3000 RPM	/
	Peak Power	1.7 kW	2.8 kW
	Peak Torque	22 N·m	/
	Peak Speed	3300 RPM	/
	Maximum Efficiency	≥ 80%	≥ 97%
	Max.Input Current (Bus)	/	50 A / 30s max
Structural Parameter	Cooling Method	Air-cooling	Natural cooling, air cooling compatible
	IP Grade	IP65	IP67
	Dimensions	205 mm × 141mm × 141mm	178.49 mm × 98.2 mm × 58.9 mm
Accessory Parameter	Position Sensor	Hall	/

ME1028



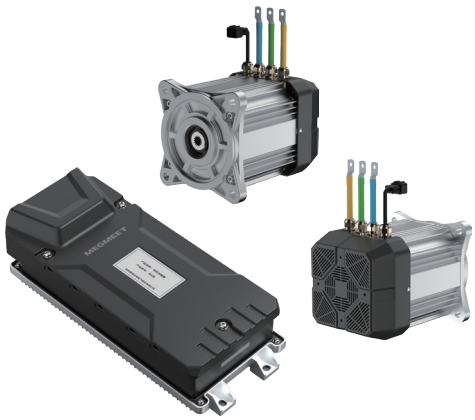
Category	Parameter	Value	
		Motor	Motor Controller
Performance Parameter	Rated Operating Voltage	72 V	60 / 72 V
	Rated Power	1.5 kW	2 kW
	Rated Torque	4.5 N·m	/
	Rated Speed	3200 RPM	/
	Peak Power	3.25 kW	4.3 kW
	Peak Torque	37 N·m	/
	Peak Speed	5800 RPM	/
	Maximum Efficiency	92%	≥ 97%
	Max.Input Current (Bus)	/	60 A / 30s max
Structural Parameter	Cooling Method	Air-cooling	Natural cooling, air cooling compatible
	IP Grade	IP67	IP67
	Dimensions	148 mm × 148 mm × 252.5mm	266 mm × 143.4 mm × 64.8 mm
Accessory Parameter	Position Sensor	Magnetic Encoder	/

ME2028A

Category	Parameter	Value	
		Motor	Motor Controller
Performance Parameter	Rated Operating Voltage	72 V	60 / 72V
	Rated Power	2.2 kW	2.8 kW
	Rated Torque	7 N·m	/
	Rated Speed	3000 RPM	/
	Peak Power	4.25 kW	5.7 kW
	Peak Torque	46 N·m	/
	Peak Speed	5800 RPM	/
	Maximum Efficiency	92%	≥ 97%
	Max.Input Current (Bus)	/	80 A / 30s max
Structural Parameter	Cooling Method	Air-cooling	Natural cooling, air cooling compatible
	IP Grade	IP67	IP67
	Dimensions	148 mm × 148 mm × 203.5 mm	239 mm × 128.2 mm × 64.3 mm
Accessory Parameter	Position Sensor	Magnetic Encoder	/

ME3045

ME3045 powertrain systems consist of elaborately designed, precisely manufactured motor controllers paired with high-efficiency hairpin-wound PMSM motors. They deliver outstanding performance, high IP protection rating, reliable safety and superior energy efficiency. They are mainly used for new energy passenger and cargo three-wheeler motorcycles, and can also be used for other new energy light electric vehicles.



Category	Parameter	Value	
		Motor	Motor Controller
Performance Parameter	Rated Operating Voltage	72 V	60 / 72 V
	Rated Power	3.5 kW	4.5 kW
	Rated Torque	8.4 N·m	/
	Rated Speed	4000 RPM	/
	Peak Power	7 kW	9 kW
	Peak Torque	72 N·m	/
	Peak Speed	5800 RPM	/
	Maximum Efficiency	92%	≥ 97%
	Max.Input Current (Bus)	/	130 A / 30s max
Structural Parameter	Cooling Method	Air-cooling	Natural cooling, air cooling compatible
	IP Grade	IP67	IP67
	Dimensions	170 mm × 180 mm × 225 mm	301.2 mm × 131.2 mm × 64.7 mm
Accessory Parameter	Position Sensor	Magnetic Encoder	/

Motor Controller

EC and EP series motor controllers are designed to drive AC PMSM motors for low-voltage light electric vehicles, mainly designed for electric motorcycles,ATV,etc. Adopting FOC algorithm, these controllers integrate protection functions including under-voltage, over-voltage, short-circuit, over-load and over-temperature. They also support multiple encoder interfaces, and offer optional Unified Diagnostic Services (UDS) and remote over-the-air (OTA) upgrade functions.

EC3K0-G2

Category	Parameter	Value
Performance Parameter	Input Voltage Range	40 to 86 V
	Rated / Peak Power	4 kW / 10 kW
	Max. Input Current (Bus)	110 A / 30s max
	Max. Output Current (Phase)	220 A (rms / 30s) / 350 A (pk / 2s)
Structural Parameter	Cooling Method	Natural cooling, air-cooling compatible
	IP Grade	IP67
	Dimensions	200 mm × 140 mm × 60.2 mm

EP10

Category	Parameter	Value
Performance Parameter	Input Voltage Range	40 to 86 V
	Rated / Peak Power	3 kW / 6 kW
	Max. Input Current (Bus)	90 A / 30s max
	Max. Output Current (Phase)	190 A (rms / 30s) / 290 A (pk / 2s)
Structural Parameter	Cooling Method	Natural cooling, air-cooling compatible
	IP Grade	IP67
	Dimensions	217 mm × 102.5 mm × 70.2 mm

EC5K0-G2

Category	Parameter	Value
Performance Parameter	Input Voltage Range	40 to 86 V
	Rated / Peak Power	5 kW / 10.5 kW
	Max. Input Current (Bus)	160 A / 30s max
	Max. Output Current (Phase)	320 A (rms / 30s) / 480 A (pk / 2s)
Structural Parameter	Cooling Method	Natural cooling, air-cooling compatible
	IP Grade	IP67
	Dimensions	223 mm × 134 mm × 73.3 mm

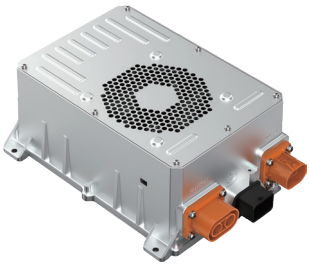
EP20

Category	Parameter	Value
Performance Parameter	Input Voltage Range	40 to 86 V
	Rated / Peak Power	5 kW / 10.5 kW
	Max. Input Current (Bus)	160 A / 30s max
	Max. Output Current (Phase)	300 A (rms / 30s) / 450 A (pk / 2s)
Structural Parameter	Cooling Method	Natural cooling, air-cooling compatible
	IP Grade	IP67
	Dimensions	235.4 mm × 127 mm × 71.4 mm

Charging Products

PA60 Air-Cooled On-Board Charger

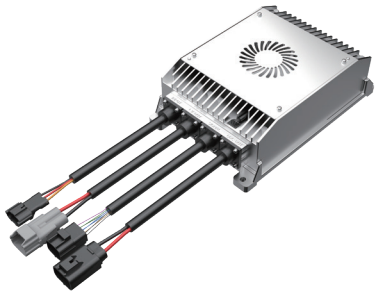
The PA60 is an air-cooled on-board charger, specially developed for the charging scenarios of light electric vehicles. It is compatible with electric motorcycles, ATV, UTV, etc. Adopting high-efficiency PFC+LLC topology and full digital control, it delivers compact dimensions and outstanding efficiency. The integrated cast aluminum housing paired with an intelligent temperature-controlled fan ensures stable heat dissipation under full load and low-noise operation. Equipped with standard CAN communication, it supports coordinated vehicle charging and remote fault diagnosis, featuring high reliability and wide compatibility.



Category	Parameter	Value
Performance Parameter	Input Voltage Range	90 to 253 VAC
	Max Input Current	32 A
	Max Efficiency	95%
	Output Voltage Range	57.5 to 112 V
	Max Output Current	80 A
	Max Output Power	6600 W
	Efficiency	95%
Structural Parameter	Cooling Method	Air cooling
	IP Grade	IP67
	Dimensions	299 mm × 217 mm × 113.5 mm

PP10E Two-in-One Integrated OBC & DC-DC On-Board Charger

This product adopts an integrated two-in-one design combining a 2 kW On-Board Charger (OBC) and a 500 W DC-DC converter. It features an all-cast aluminum enclosure with a low-noise fan for forced cooling, delivering excellent IP protection, compact size and lightweight structure. It realizes data communication with the Battery Management System (BMS) and Vehicle Control Unit (VCU) via CAN bus, enabling real-time monitoring and control of its operating status. It is mainly used for electric motorcycles, ATV, UTV, SSV, golf carts, etc.



Category	Parameter	Value
Performance Parameter	AC Input Voltage	90 to 264 VAC
	Output 1 Voltage	48 to 85 VDC
	Output 1 Power	2000 W
	DC Input Voltage	50 to 85 V
	Output 2 Voltage	14 V
	Output 2 Power	500 W
	Efficiency	92%
Structural Parameter	Cooling Method	Air cooling
	IP Grade	IP67
	Dimensions	264.5 mm × 176 mm × 84 mm

PA20 Portable Charger

This 800 W AC/DC portable charger adopts input-output isolation design. It converts alternating current into 48/60/72 VDC direct current for battery charging, with a maximum output current of 10A. It is mainly used for light electric vehicles like electric motorcycles.

Category	Parameter	Value
Performance Parameter	Input Voltage Range	90-253V
	Output Voltage	48/60/72V
	Output Power	400W(110Vac)/800W(220Vac)
	Efficiency	93%
Structural Parameter	Cooling Method	Air cooling
	IP Grade	IP67
	Dimensions	194.5 mm × 99.56 mm × 72.1 mm

LEVP 500DCDC Power Supply

This isolated input-output DC-DC converter adopts full-bridge plus full-wave synchronous rectification topology. Equipped with a cast aluminum housing and fully potting heat dissipation process, it delivers outstanding advantages including compact size, high efficiency, excellent thermal performance and IP67 protection rating. It is mainly used for light electric vehicles and engineering vehicles.

Category	Parameter	Value		
Performance Parameter	Input Voltage Range	35 to 70 V	50 to 115 V	35 to 70V
	Output Voltage	14 V	14 V	
	Output Power	300 W	500 W	
	Efficiency	93%		
Structural Parameter	Cooling Method	Natural cooling		
	IP Grade	IP67		
	Dimensions	180 mm × 93 mm × 38 mm		

PD10 DC-DC Power Supply

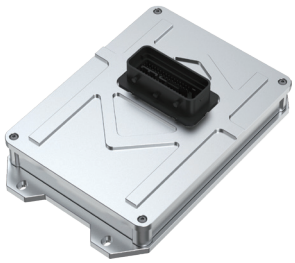
This isolated input-output DC-DC converts battery voltage ranging from 36 to 115 VDC into low-voltage DC of 13.8 VDC (27.6 VDC), with a maximum output current of 21.7 A (10.9 A). It charges low-voltage batteries and supplies power to vehicle accessory systems simultaneously. It is mainly used for light electric vehicles and engineering vehicles.

Category	Parameter	Value	
Performance Parameter	Input Voltage Range	36 to 115 V	
	Output Voltage	13.8V	27.6V
	Output Power	300 W	
	Efficiency	90%	92%
Structural Parameter	Cooling Method	Natural cooling	
	IP Grade	IP67	
	Dimensions	183.8 mm × 81 mm × 47 mm	

Intelligent Control Products

MVCU

Designed in compliance with passenger vehicle standards, this controller integrates vehicle control, body control, powertrain control, chassis control and T-box communication functions. With high flexibility, it is compatible with various vehicle models including electric motorcycles, electric three-wheelers, ATV, UTV, SSV and golf carts. The MVCU governs all vehicle components from the upper layer, combining the functions of traditional vehicle control units with advanced powertrain and chassis control capabilities.



Category	Parameter	Value
Electrical Parameter	Operating Voltage	12 V (9 V to 16 V)
	Operating Current	≤ 300 mA
	I/O	Analog Input Channels(6), Analog/Digital Configurable Channel(4) Digital Input Channels(16)，Digital Output channels(24) 12V DC Power Supply(6)，12V Battery Power Supply(1) 5V Sensor Power Supply(3)
Structural Parameter	Communication	CAN/CANFD(2), LIN(1)
	Features	Supports CCP calibration protocol; supports bootloader OTA anti-theft function via K-line and CAN bus
Environmental & Structural Parameter	Operating Temperature	-35℃ to 70℃
	IP Grade	IP67

Tbox-SLINK-MZ044G-EV Intelligent Terminal

SLINK-MZ044G-EV is an on-board intelligent terminal developed for engineering vehicles, built with industrial-grade hardware design and IP65 protection. The terminal supports bidirectional transparent transmission over CAN and 4G networks. It is compatible with CANopen protocol for downlink communication, and supports TCP, UDP and MQTT protocols for uplink communication. Integrated functions include Bluetooth, dual-SIM single standby, RFID card swiping, GPS positioning and DO control, which can fulfill digital management and control requirements of various engineering vehicles.

Category	Parameter	Value
Network Parameter	Network Bands	Domestic Version: TD-LTE B38/B39/B40/B41；LTE-FDD:B1/B3/B5/B8
		Overseas Version: LTE-FDD:B1/B2/B3/B4/B5/B7/B8/B12/B13/B17/B18/B19/B20/B25/B26/B28/B66；LTE-TDD:B34/B38/B39/B40/B41；GSM:B2/B3/B5/B8
Hardware Parameter	Operating Voltage	DC9 to 90 V
	Communication Interface	1 × CAN channel
	GNSS	Supported (Optional)
	Dimensions	130 mm × 120 mm × 35 mm
	IP Grade	IP65
Software Parameter	Bluetooth Protocol	Bluetooth 5.0

Slink-MZ144G Vehicle Locator

The Slink-MZ144G is a 4G on-board locator specially designed for electric vehicles and motorcycles. Adopting industrial-grade design with IP65 protection rating, it is equipped with RS485 and CAN interfaces, compatible with Modbus and customized protocols, and supports uplink protocols including TCP, UDP and MQTT. It realizes multiple functions such as real-time positioning, remote monitoring, safety detection, remote vehicle locking, one-click vehicle searching, as well as OTA upgrade and maintenance. It helps vehicle manufacturers realize vehicle management, accumulate data assets and improve end-users' driving experience.

Category	Parameter	Value
Network Parameter	Network Access Mode	4G
	Network Standard	TD-LTE/FDD-LTE
	Network Bands	LTE-FDD B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/28/66/71 LTE-TDD B34/38/39/40/41
Hardware Parameter	Operating Voltage	DC9-90V
	Communication Interface	1 CAN channel / 1 RS485 (Optional)
	Positioning Mode	GPS / BDS / LBS
	Vibration Detection	6-axis sensor / acceleration sensor (Optional)
	Dimensions	104 mm × 42.5 mm × 25 mm
	IP Grade	IP65

Slink-DZ04WG Smart Dashboard

The SLINK-DZ04WG is a 5-inch smart touch dashboard screen designed for electric motorcycles and e-bikes. It supports mobile screen casting of Amap, Baidu Maps and Google Maps, and works normally even when Android and iOS phones are locked. For downlink communication, it connects to the vehicle master MCU/VCU via CAN/RS485 to collect vehicle operating data. For uplink, it accesses the cloud via 4G network to enable cloud interconnection, covering functions including real-time positioning, remote monitoring, security alerts, charging management and OTA upgrades. It helps vehicle manufacturers cut after-sales costs and accumulate vehicle operation data, while delivering an intelligent riding experience for end users.

Category	Parameter	Value
Display Parameter	LCD Screen	5-inch resistive touch screen
	Resolution	800*480
Network Parameter	4G Interface	4G CAT1 global version (domestic version optional)
	WiFi	Single band 2.4G
	BT	BLE5.3
	GNSS	GPS; GLONASS; BeiDou; GALILEO
	Operating Voltage	DC 9 to 36 V
Hardware Parameter	Communication Interface	1 CAN channel
	Operating Temperature	-10℃ to + 65℃
	Product Dimensions	208 mm × 90 mm × 36 mm
	IP Grade	IP67

Global Infrastructure

MEGMEET's global footprint includes advanced R&D centers, integrated manufacturing, and regional offices enabling fast response, localized support, and efficient deployment worldwide.

MEGMEET's international engineering network supports close customer collaboration, rapid validation, and region-specific adaptation to deliver reliable, high-performance solutions globally.

10 R&D Centers


China | Changsha


China | Shenzhen


China | Hangzhou


China | Wuhan


China | Xi'an


China | Chengdu


China | Taizhou


China | Zhuzhou


USA I San Jose


Germany | Bielefeld

8 Owned Manufacturing


China | Zhuzhou


China | Hangzhou


China | Taizhou


China | Yiwu


China | Heyuan


Thailand | Rayong


India | Noida


USA I Dallas

MEGMEET

Power Solutions

- ☐ Telecom Power
- ☐ Medical Power
- ☐ Smart Display Power
- ☐ LED Display Power
- ☐ Industrial enclosed Power
- ☐ Laser Power
- ☐ OA Power
- ☐ Utility Power
- ☐ Datacenter and Networking Power Solutions
- ☐ BESS & EV Charging Solutions
- ☐ Bi-directional Inverters for Portable Power
- ☐ Portable Solar Generator

Industrial Automation

- ☐ Servo System
- ☐ Control System
- ☐ Elevator Controller
- ☐ Linear Motor
- ☐ IoT Solutions
- ☐ Encoder
- ☐ Variable Frequency Drive
- ☐ Internal Gear Pump

e-Mobility & EV Infrastructure

- ☐ Integrated Charging System (OBC & DC-DC)
- ☐ Power Electronic Unit (2-in-1, 3-in-1)
- ☐ E-Compressor
- ☐ TV EDU
- ☐ Inverter
- ☐ Construction Vehicle Controller
- ☐ Intelligent Active Hydraulic Suspension (i-AHS)
- ☐ Railway A/C Controller
- ☐ Railway VFD
- ☐ Thermal Mgmt. System
- ■ Micro-Mobility Motor, Inverter, and Charging System
- ☐ Oxygen Generator

Intelligent Equipment

- ☐ Intelligent Welding
- ☐ Electric Submersible Progressing Cavity Pump
- ☐ Medium-Voltage Soft Open Point (SOP)
- ☐ Industrial Microwave
- ☐ Polysilicon Water Quenching Equipment
- ☐ Ultraviolet Curing Equipment
- ☐ Automated Car Washing Machine
- ☐ Booster Manipulator
- ☐ High-Precision Positioning Stage

Smart Building

- ☐ 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
- ☐ Fan Heater Controller
- ☐ Oxygen Concentrator

Precision Connection

- ☐ Micro Motor
- ☐ Water Pump Motor
- ☐ Inductor
- ☐ Transformer
- ☐ FFC
- ☐ FPC
- ☐ Coaxial Cable
- ☐ CCS
- ☐ Litz Wire

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