



Global leading solution provider in electrical automation



ABOUT MEGMEET

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, eMobility & EV Infrastructure, Intelligent Equipment, Home Appliance Control Solutions, and Precision Connection.

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



7600+

Total Employees



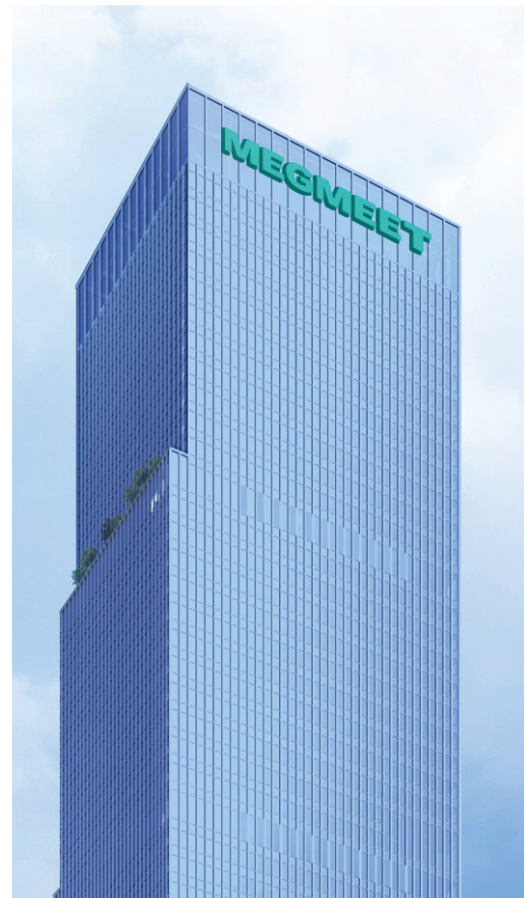
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Manufacturing Bases

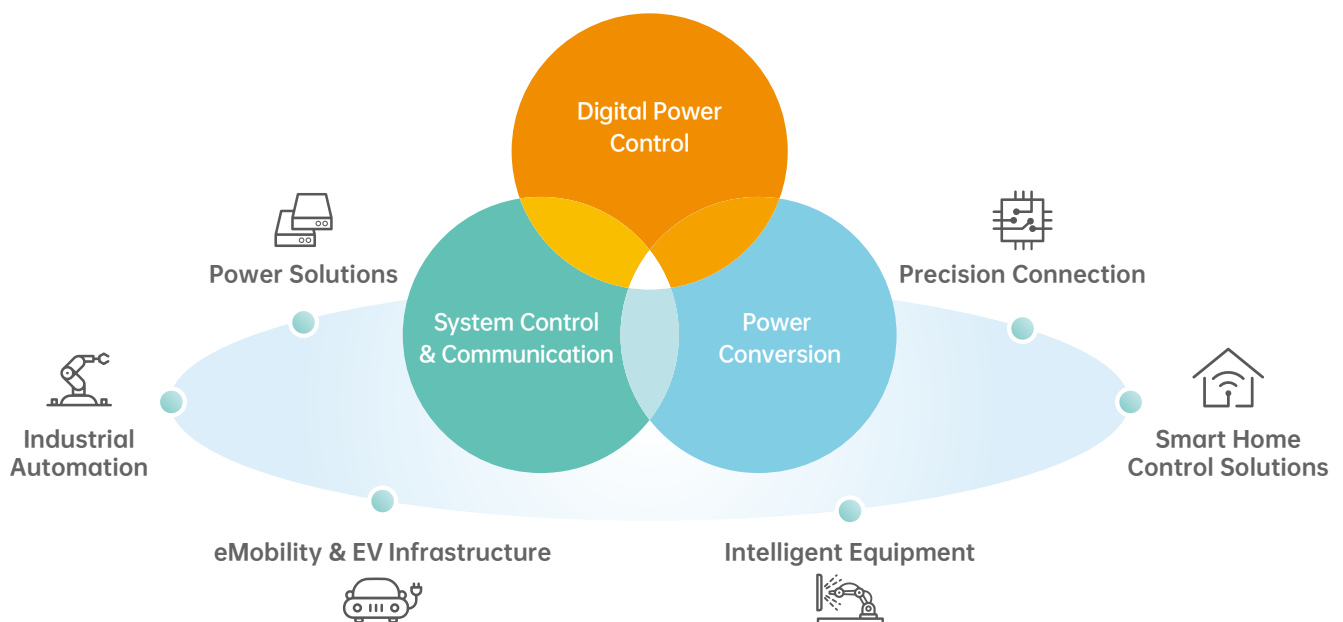


1990+

No. of Patents & IP Rights



CORE TECHNOLOGIES



Motor Controller

The EC, EP, and ZS series motor controllers are applied to drive AC permanent magnet synchronous motors in low-voltage electric vehicles. They are primarily designed for electric motorcycles, ATVs, UTVs, SSVs, golf carts, and more.

These controllers utilize the advanced FOC algorithm commonly found in the automotive industry and come equipped with protection features such as undervoltage, overvoltage, short circuit, overload, overtemperature, and rotor stall protection. They also support a variety of encoder interfaces and offer optional UDS and OTA functions.

EC3K0



Parameter	Value
Input Voltage Range	40-86V
Input Current	60A/110A(max.)
Rated/Peak Power	4kW/7.5kW
Drive Motor Controller Current	75A(rms)/220A(rms/30s)
Drive Motor Controller Maximum Current	350A(pk/2s)
Cooling Method	Air-cooled
IP Grade	IP65

EC5K0

Parameter	Value
Input Voltage Range	40-86V
Input Current	75A/160A(max.)
Rated/Peak Power	5kW/10.5kW
Drive Motor Controller Current	90A(rms)/320A(rms/30s)
Drive Motor Controller Maximum Current	480A(pk/2s)
Cooling Method	Air-cooled
IP Grade	IP67



EP10



Parameter	Value
Input Voltage Range	40-86V
Input Current	60A/110A(max.)
Rated/Peak Power	4kW/7.5kW
Drive Motor Controller Current	75A(rms)/180A(rms/30s)
Drive Motor Controller Maximum Current	350A(pk/2s)
Cooling Method	Air-cooled
IP Grade	IP67

EP20



Parameter	Value
Input Voltage Range	40-86V
Input Current	75A/160A(max.)
Rated/Peak Power	5kW/10.5kW
Drive Motor Controller Current	90A(rms)/300A(rms/30s)
Drive Motor Controller Maximum Current	450A(pk/2s)
Cooling Method	Air-cooled
IP Grade	IP67

ZS10

Parameter	Value
Input Voltage Range	40-72V
Input Current	35A/62A(max.)
Rated/Peak Power	1.8kW/3.5kW
Drive Motor Controller Current	30A(rms)/180A(rms/30s)
Drive Motor Controller Maximum Current	260A(pk/2s)
Cooling Method	Air-cooled
IP Grade	IP65



ZS20



Parameter	Value
Input Voltage Range	40-86V
Input Current	50A/120A(max.)
Rated/Peak Power	3kW/8kW
Drive Motor Controller Current	65A(rms)/320A(rms/30s)
Drive Motor Controller Maximum Current	500A(pk/10s)
Cooling Method	Air-cooled
IP Grade	IP65

PP10 OBC&DCDC

This product is 2kW OBC+500W DCDC two-in-one integrated design, all cast aluminum shell, with low noise fan forced heat dissipation, with good protection performance, small size, light weight and other characteristics; It can realize the information interaction with BMS and VCU through CAN bus, and monitor and control its working state.

It is mainly applied to electric motorcycles, ATVs, UTVs, SSVs, golf carts, airport ground service cars, and more.

Parameter	Value
AC Input Voltage	90-264VAC
Output1 Voltage	48-85VDC
Output1 Power	2000W
DC Input Voltage	50-85V
Output2 Voltage	14V
Output2 Power	500W
Cooling Method	Air-cooled
IP Grade	IP67



LEVP500 DCDC

This product samples full bridge + full wave synchronous rectifier topology, cast aluminum shell and full filling heat dissipation process, so that the product has small size, high efficiency, good heat dissipation, IP67 protection grade and other excellent performance.

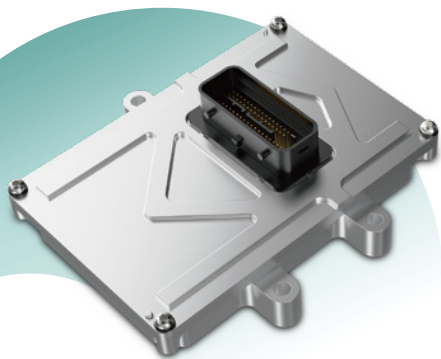
It is mainly applied to light electric vehicles and engineering vehicles.



Parameter	Value	
Input Voltage Range	35-70V	50-115V
Output Voltage	14V	14V
Output Power	300W	500W
Cooling Method	Free convection	
IP Grade	IP67	

MVCU

The controller is designed according to passenger car standards, integrating vehicle control, body control, power control, chassis control and T-box communication functions, which possesses high flexibility to match and adapt to electric motorcycles, electric tricycles, ATVs, UTVs, SSVs, golf carts, and more. MVCU controls various components of the vehicle from the upper level and integrates traditional vehicle controller's functions with advanced power&chassis control functions.



Parameter	Value
Operate Voltage	12V (9V-16V)
Operate Current	≤ 300mA
Communication	CAN/CANFD(2), LIN(1)
I/O	Analog input channels(4), PWM input channels(4), Digital input channels(19), PWM output channels(4), Digital output channels(18), 5V sensor power supply(2)
Operating Temperature	-35°C-70°C
IP Grade	IP67
Features	Support CCP calibration protocol, support bootloader OTA anti-theft function with K-line and CAN bus

Motor Controller + DCDC + OBC&DCDC:

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