

Charging Station Solution

MEGMEET focuses on power module and provides a one-stop solution for ODM, JDM, SKD and OEM charging system products with a powerful research and design platform, excellent supply chain platform, and lean production managemernt platform.

PV & ESS & EV Charging Solution

- ☐ P S
- ☐ Inverter
- ☐ ir onditioner
- ☐ attery Pack
- ☐ S
- ☐ MS
- ☐ EV harger
- ☐ ESS
- ☐ harging Module
- ☐ EMS
- ☐ U / T U / PL

SHENZHEN MEGMEET ELECTRICAL CO., LTD.

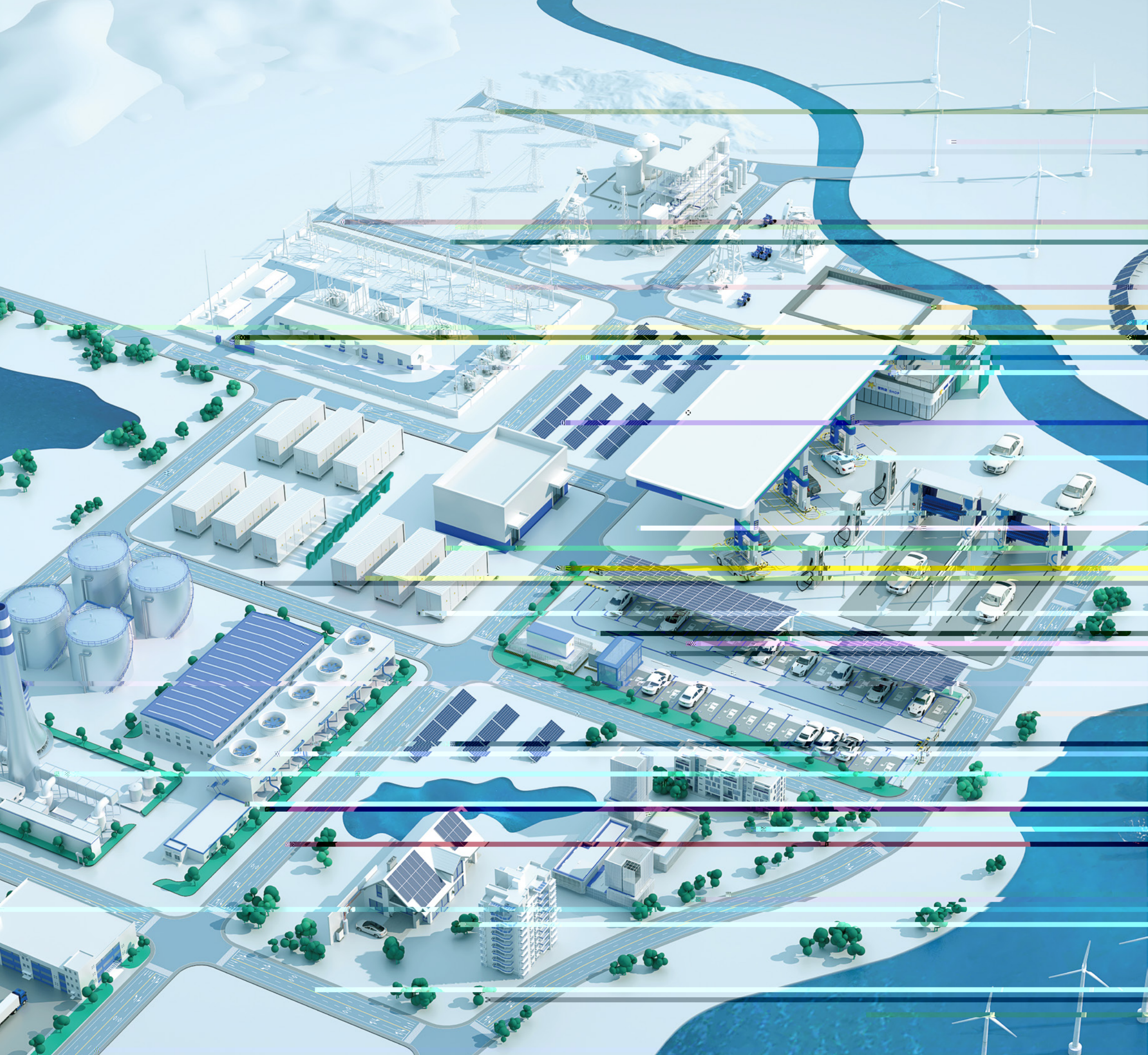
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MEGMEET reserves the right to modify the technical parameters and appearance of the products in this catalogue without prior advice to the users.

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Super Fast Charging Stations

SFC 30



Product Advantages

- 

Universal compatibility
meet the charging needs of different charging scenarios
- 

Safe & reliable
with multiple protection functions, input and output have double protection measures

- 

Smart connectivity
4G communication, supports interconnection of charging operation platforms
- 

Efficient & convenient

Product Parameters

AC Input	
Input Voltage Range	380 ± 15% / 400 ± 10% V
Rated Input Voltage	380 / 400 V
Rated Frequency	50 / 60 Hz
Power Factor	≥ 0.99
Input System	
DC Output	
Output Power	30 kW
Output Voltage Range	200 to 1000 VD
onstant Power Output Voltage Range	300 to 1000 VD
Stabilized Voltage Precision	≤ ± 0.5%
Stabilized urrent Precision	≤ ± 1%
	≥ 94%
Noise	≤
Working Environment Conditions	
Operating Temperature	
Storage Temperature	
Relative Humidity	5 to 95% without condensation
litude	≤ 2000 m
ooling Mode	Forced air cooling
Function	
ommunication	G /T: N S2: PL
Protective Function	Over / under voltage protection, overload protection, short circuit protection, over temperature protection, grounding protection, surge protection, etc.
Wireless Network onnection	Support
Mode of Payment	Swipe card, scan code, etc.
harging Interface	Single-connector
Appearance	
Dimensions (W x H x D)	
Installation	Wall mount, stand pole
IP Grade	IP54
able Length	5 m
	UL, E

Super Fast Charging Stations

SFC 40



Product Advantages



Product Parameters

AC Input	
Input Voltage Range	380 ± 15% / 400 ± 10% V
Rated Input Voltage	380 / 400 V
Rated Frequency	50 / 60 Hz
Power Factor	> 0.99 @ full load, > 0.98 @ half load
Input System	
DC Output	
Output Power	40 kW
Output Voltage Range	200 to 1000 VD
Stabilized Voltage Precision	≤ ± 0.5%
Stabilized current Precision	≤ ± 1% @ load current > 30A
	≥ 94%
Noise	≤
Working Environment Conditions	
Operating Temperature	
Storage Temperature	
Relative Humidity	5 to 95% without condensation
Ititude	≤ 2000 m
ooling Mode	Forced air cooling
Function	
ommunication	G /T: N S2: PL
Protective Function	Over / under voltage protection, overload protection, short circuit protection, over temperature protection, grounding protection, surge protection, etc.
Wireless Network onnection	Support
Mode of Payment	Swipe card, QR code
harging Interface	
Appearance	
Dimensions (W x H x D)	
Installation	Floor installation
IP Grade	IP54
able Length	5 m
	UL, E

Super Fast Charging Stations

SFC 60



Product Advantages

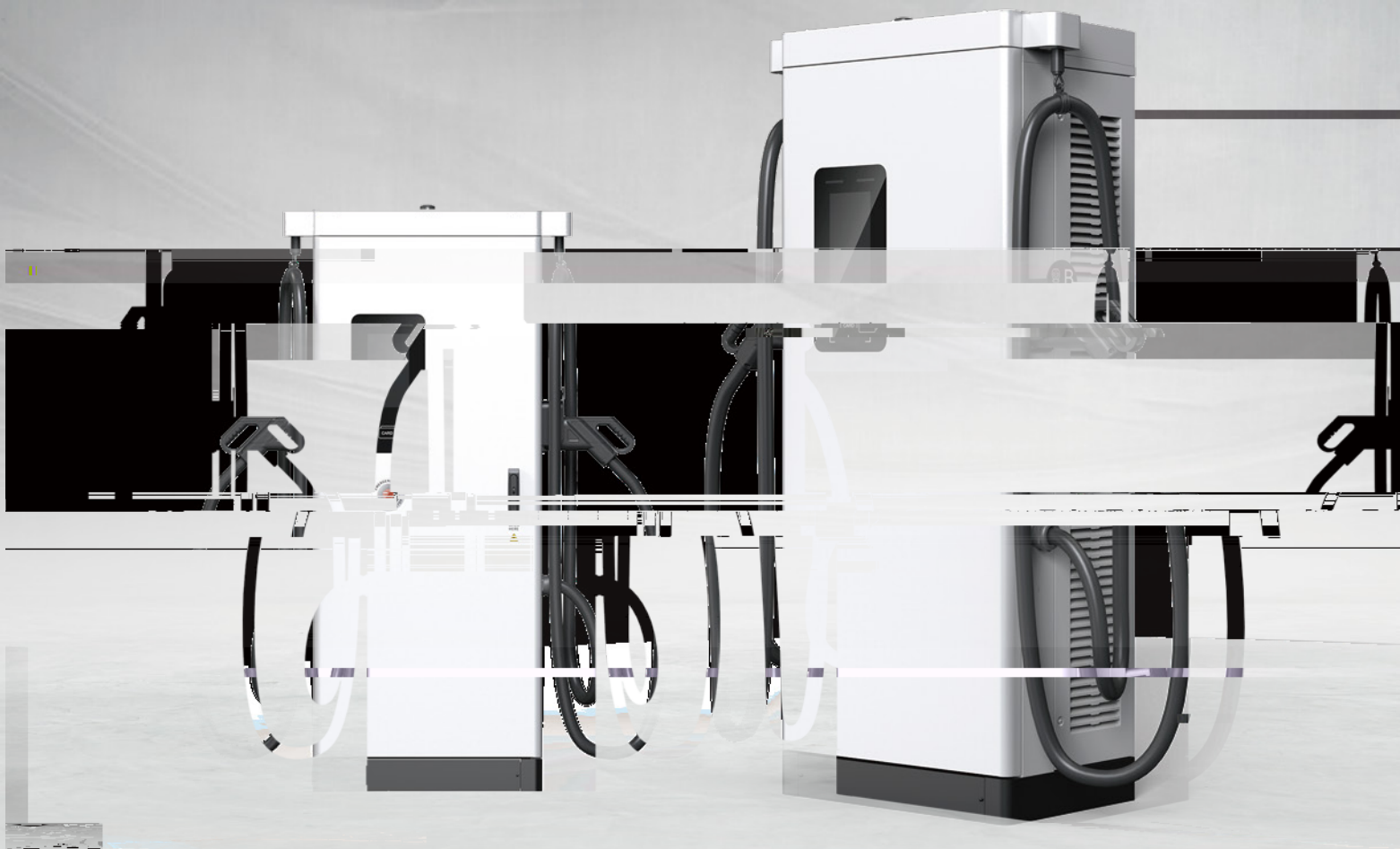


Product Parameters

AC Input	
Input Voltage Range	380 ± 15% / 400 ± 10% V
Rated Input Voltage	380 / 400 V
Rated Frequency	50 to 60 Hz
Power Factor	≥ 0.99
Input System	
DC Output	
Output Power	60 kW
Output Voltage Range	200 to 1000 VD
Stabilized Voltage Precision	≤ ± 0.5%
Stabilized Current Precision	≤ ± 1%
	≥ 94%
Noise	<
Working Environment Conditions	
Operating Temperature	
Storage Temperature	
Relative Humidity	5 to 95%
Altitude	≤ 2000 m (Derating is required if the power exceeds 2000 m)
Cooling Mode	Forced air cooling
Function	
Communication	G / T: N S2: PL
Protective Function	Short circuit, over current, over temperature, emergency stop, battery reverse connection protection
Wireless Network Connection	Support 4G / WIFI optional
Mode of Payment	Swipe card, QR code
Charging Interface	Double connector
Appearance	
Dimensions (W x H x D)	
Installation	Floor installation
IP Grade	IP54
Cable Length	5 m
	UL, E

Super Fast Charging Stations

SFC 60 to 180



Product Advantages

- 

Fast charging
wide voltage output 200 to 1000 V, fast charging capabilities for EV cars
- 

Safe & efficient
multiple protection measures such as over-current, over-voltage, over-temperature, etc.
- 

Intelligent operation & Maintenance
supports remote OT online upgrade
- 

Flexible expansion
smoothly upgraded to 180 kW

Product Parameters

AC Input	
Input Voltage Range	380 ± 15% / 400 ± 10% V
Rated Input Voltage	380 / 400 V
Rated Frequency	50 / 60 Hz
Power Factor	> 0.99 @ full load, > 0.98 @ half load
Input System	
DC Output	
Output Power	60 to 180 kW
Output Voltage Range	200 to 1000 VD
onstant Power Output Voltage Range	300 to 1000 VD
Stabilized Voltage Precision	≤ ± 0.5%
Stabilized urrent Precision	≤ ± 1%
	≥ 94%
Noise	≤
Working Environment Conditions	
Operating Temperature	
Storage Temperature	
Relative Humidity	5 to 95%
Ititude	≤ 2000 m (over 2000 m, the rating needs to be reduced)
ooling Mode	ir cooling
Function	
ommunication	G /T: N S2: PL
Protective Function	Short-circuit protection, overcurrent protection, over-temperature protection, lighting protection, scram protection, battery anti-lysis protection
Wireless Network onnection	Support
Mode of Payment	Swipe card, scan code
harging Interface	Double connector
Appearance	
Dimensions (W x H x D)	
Installation	Floor installation
IP Grade	IP54
able Length	5 m
Human-machine Display	10.1inch color touch screen
	UL, E

Super Fast Charging Stations

SFC 150



Product Advantages



Fast charging
wide voltage output 200 to 1000 V,
fast charging capabilities for EV cars



Safe & efficient
multiple protection measures such as over-current,
over-voltage, over-temperature, etc.



High-grade protection
equipped with IP54 protection level that
environment



Flexible efficient
needs either can be 1to 3 guns

Product Parameters

AC Input	
Input Voltage Range	380 ± 15% / 400 ± 10% V
Rated Input Voltage	380 / 400 V
Rated Frequency	50 / 60 Hz
Power Factor	≥ 0.99
Input System	
DC Output	
Output Power	150 kW
Output Voltage Range	200 to 1000 VD
onstant Power Output Voltage Range	300 to 1000 VD
Stabilized Voltage Precision	≤ ± 0.5%
Stabilized urrent Precision	≤ ± 1%
	≥ 94%
Noise	≤
Working Environment Conditions	
Operating Temperature	
Storage Temperature	
Relative Humidity	5 to 95%
Ititude	≤ 2000 m (over 2000 m, the rating needs to be reduced)
ooling Mode	ir cooling
Function	
ommunication	G /T: N S2: PL
Protective Function	Short-circuit protection, overcurrent protection, over-temperature protection, lighting protection, scam protection, battery anti-lysis protection
Wireless Network onnection	Support
Mode of Payment	Swipe card, scan code
harging Interface	Single or double connector or three connector
Appearance	
Dimensions (W x H x D)	
Installation	Floor installation
IP Grade	IP54
able Length	5 m
Human-machine Display	10.1inch color touch screen
	UL, E

Super Fast Charging Stations

SFC 240



Product Advantages

- 

Fast charging
wide voltage output 200 to 1000 V, fast charging capabilities for EV cars
- 

Intelligent operation & Maintenance
supports remote OT online upgrade

- 

Safe & efficient
multiple protection measures such as over-current, over-voltage, over-temperature, etc.
- 

High-grade protection
equipped with IP55 protection level

Product Parameters

AC Input	
Input Voltage Range	380 ± 15% / 400 ± 10% V
Rated Input Voltage	380 / 400 V
Rated Frequency	50 / 60 Hz
Power Factor	≥ 0.99
Input System	
DC Output	
Output Power	240 kW
Output Voltage Range	200 to 1000 VD
onstant Power Output Voltage Range	300 to 1000 VD
Stabilized Voltage Precision	≤ ± 0.5%
Stabilized urrent Precision	≤ ± 1%
	≥ 94%
Noise	≤
Working Environment Conditions	
Operating Temperature	
Storage Temperature	
Relative Humidity	5 to 95%
Ititude	≤ 2000 m (over 2000 m, the rating needs to be reduced)
ooling Mode	ir cooling
Function	
ommunication	G /T: N S2: PL
Protective Function	Short-circuit protection, overcurrent protection, over-temperature protection, lighting protection, scram protection, battery anti-lysis protection
Wireless Network onnection	Support
Mode of Payment	Swipe card, scan code
harging Interface	Single or double connector
Appearance	
Dimensions (W x H x D)	1140 x 1015 x 850 (mm)
Installation	Floor installation
IP Grade	IP55
able Length	5 m
Human-machine Display	10.1 inch color touch screen
	UL, E

Split Type Super Fast Charging Stations



Product Advantages

- 

Liquid cooling supercharging
integrated super harging and fast charging, liquid-cooling terminal with a maximum output power of 600 kW
- 

Flexible allocation
terminal based on the number of charging vehicles
- 

Intelligent operation & maintenance
remote OT online upgrade
- 

Safe & efficient
oil cooling for super charger terminal to ensure charging safety, length of guns is adjustable

Product Parameters

AC Input						
Input Voltage Range		380 ± 15% V				
Rated Input Voltage		380 / 400 V				
Rated Frequency		50 Hz				
Power Factor		≥ 0.99				
Input System						
DC Output						
Output Power		600 kW				
Output Voltage Range		200 to 1000 VD				
onstant Power Output Voltage Range		300 to 1000 VD				
Maximum	ontinuous Output	urrent	Fast charging terminal	250	Super charging terminal	600
			maximum of 12 ports (10 fast harging Interfaces and 2 super harging Interfaces)			
			≥ 94%			
Noise			≤			
Working Environment Conditions						
Operating Temperature						
Storage Temperature						
Relative Humidity			5 to 95%			
litude			≤ 2000 m (Derating is required if the power exceeds 2000 m)			
ooling Mode						
Function						
ommunication			N			
Protective Function			Short circuit, over current, over temperature, lightning strike, emergency stop, battery reverse connection protection			
Wireless Network onnection			Support 4G / WIFI optional			
Mode of Payment			Swipe card, scan code, etc.			
harging Interface			2 fast charging terminals and 1super charging terminal			
Appearance						
Installation			Floor installation			
IP Grade			IP55			
able Length			5 / 3.5 m optional			
Maintainability			Support remote online upgrade			
			UL, E			

20 kW Charging Module

MIPC1000-80T



Product Advantages



Wide constant power range
wide constant power
charging experience



State grid unified size
standardized design

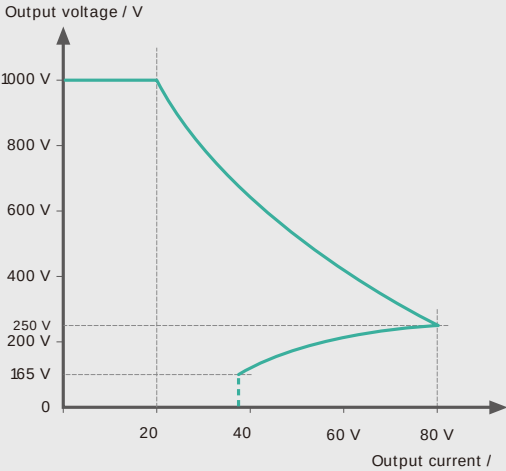


Flexible expansion
support multiple machines
parallel use



Intelligent control
fully digital precision
control

Output Characteristic Curve



Product Parameters

AC Input	
Input Voltage Range	Three-phase and four-line 323 to 456 V (full load)
Maximum Input current	< 38
Frequency Range	50 / 60 Hz ± 5%
Power Factor	> 0.98 @ half load
Harmonic current	< 5% @ half load-full load @ 380 V
DC Output	
Output Power	20 kW
Output Voltage Range	200 to 1000 V
Constant Power Output Voltage Range	250 to 1000 V
Output current	≤ 80
Equal current Unbalance	≤ ± 5%
Stabilized Voltage Precision	≤ ± 0.5%
Stabilized current Precision	≤ ± 1% (20% to 100% rated load)
Output Voltage Setting Error	≤ ± 0.5%
Monitor	
Communication	N
Maximum Number of Simultaneous Machines	31
Working condition Indicator	Green light - normal Yellow light - alarm Red light - fault
Working Environment Conditions	
Operating Temperature	
Storage Temperature	
Relative Humidity	5 to 95% no condensation
Cooling Mode	Intelligent air cooling
Altitude	Installation height ≤ 2000 m, for every 100 m of altitude increase,
Product Reliability and Safety	
MTBF	300,000 hours
Insulation and Voltage Resistance	4.2 kVDC - Input to output 3.5 kVDC - Input to FG 3.5 kVDC - Output to FG 4.2 kVDC - Input to N 4.2 kVDC - Output to N
Alarm and Protection	
Input Over / Under Voltage Protection	Automatic shutdown protection, automatically resume work after normal input
Output Overvoltage Protection	Automatic shutdown and lock, power on again to resume operation
Output Over-current and Short-circuit Protection	Automatic shutdown and lock, power on again to resume operation
Over Temperature Protection	Automatic shutdown protection, automatically resume work after the temperature returns to normal
Dimensions and Weight	
Dimensions (W x H x D)	248 × 84 × 460 mm (without handle)
Weight	10.3 kg

20 kW Charging Module

MPS10020KT-C



Product Advantages



Low voltage and high current
a sharp charging tool for electric equipment in construction machinery



High power density
reducing system costs

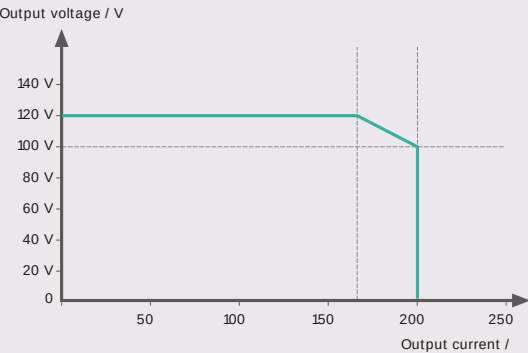


Flexible expansion
support parallel use of multiple machines



Intelligent control
fully digital precision control

Output Characteristic Curve



Product Parameters

AC Input	
Input Voltage Range	280 to 485 V (operating voltage range)
Maximum Input current	< 38
Frequency Range	50 / 60 Hz ± 5%
Power Factor	> 0.98 @ half load
Harmonic current	< 5% @ half load-full load @ 380 V
	Up to 95%
DC Output	
Output Power	20 kW
Output Voltage Range	20 to 120 V
Constant Power Output Voltage Range	100 to 120 V
Output current	≤ 200
Equal current Unbalance	≤ ± 5%
Stabilized Voltage Precision	≤ ± 0.5%
Stabilized current Precision	≤ ± 1% (20% to 100% rated load)
Output Voltage Setting Error	≤ ± 0.5%
Monitor	
Communication	N
Maximum Number of Parallel Machines	15
Working condition Indicator	Green light on - normal Yellow light on - alarm Red light on - fault
Working Environment Conditions	
Operating Temperature	
Storage Temperature	
Relative Humidity	5 to 95% no condensation
Cooling Mode	Intelligent air cooling
Altitude	Installation height ≤ 2000 m, for every 100 m of altitude increase,
Product Reliability and Safety	
MTBF	> 300,000 hours
Insulation and Voltage Resistance	4.2 kVDC - Input to output 2.1 kVDC - Input to ground 2.1 kVDC - Output to ground 4.2 kVDC - Input to N 2.5 kVDC - Output to N
Alarm and Protection	
Input Over / Under Voltage Protection	Automatic shutdown protection, automatically resume work after normal input
Output Overvoltage Protection	Automatic shutdown and lock, power on again to resume operation
Output Over-current and Short-circuit Protection	Automatic shutdown and lock, power on again to resume operation
Over Temperature Protection	Automatic shutdown protection, automatically resume work after the temperature returns to normal
Dimensions and Weight	
Dimensions (W x H x D)	226 × 85 × 395 mm (without handle)
Weight	10.2 kg

20 kW Charging Module

MPS20020KT-C



Product Advantages



Low voltage and high current
a sharp charging tool for electric equipment in construction machinery



High power density
reducing system costs

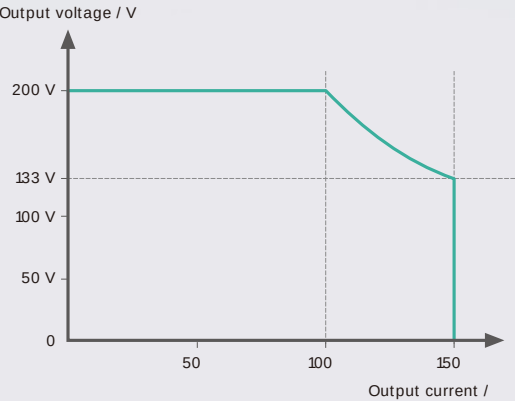


Flexible expansion
support parallel use of multiple machines



Intelligent control
fully digital precision control

Output Characteristic Curve



Product Parameters

AC Input	
Input Voltage Range	280 to 485 V (operating voltage range)
Maximum Input current	< 38
Frequency Range	50 / 60 Hz ± 5%
Power Factor	> 0.98 @ half load
Harmonic current	< 5% @ half load-full load @ 380 V
	Up to 95%
DC Output	
Output Power	20 kW
Output Voltage Range	20 to 200 V
Constant Power Output Voltage Range	133 to 200 V
Output current	≤ 150
Equal current Unbalance	≤ ± 5%
Stabilized Voltage Precision	≤ ± 0.5%
Stabilized current Precision	≤ ± 1% (20% to 100% rated load)
Output Voltage Setting Error	≤ ± 0.5%
Monitor	
Communication	N
Maximum Number of Parallel Machines	15
Working condition Indicator	Green light - normal Yellow light - alarm Red light - fault
Working Environment Conditions	
Operating Temperature	
Storage Temperature	
Relative Humidity	5 to 95% no condensation
Cooling Mode	Intelligent air cooling
Altitude	Installation height ≤ 2000 m, for every 100 m of altitude increase,
Product Reliability and Safety	
MTBF	> 300,000 hours
Insulation and Voltage Resistance	4.2 kVDC - Input to output 2.1 kVDC - Input to ground 2.1 kVDC - Output to ground 4.2 kVDC - Input to N 2.5 kVDC - Output to N
Alarm and Protection	
Input Over / Under Voltage Protection	Automatic shutdown protection, automatically resume work after normal input
Output Overvoltage Protection	Automatic shutdown and lock, power on again to resume operation
Output Over-current and Short-circuit Protection	Automatic shutdown and lock, power on again to resume operation
Over Temperature Protection	Automatic shutdown protection, automatically resume work after the temperature returns to normal
Dimensions and Weight	
Dimensions (W x H x D)	226 × 85 × 395 mm (without handle)
Weight	10.2 kg

30 kW Charging Module

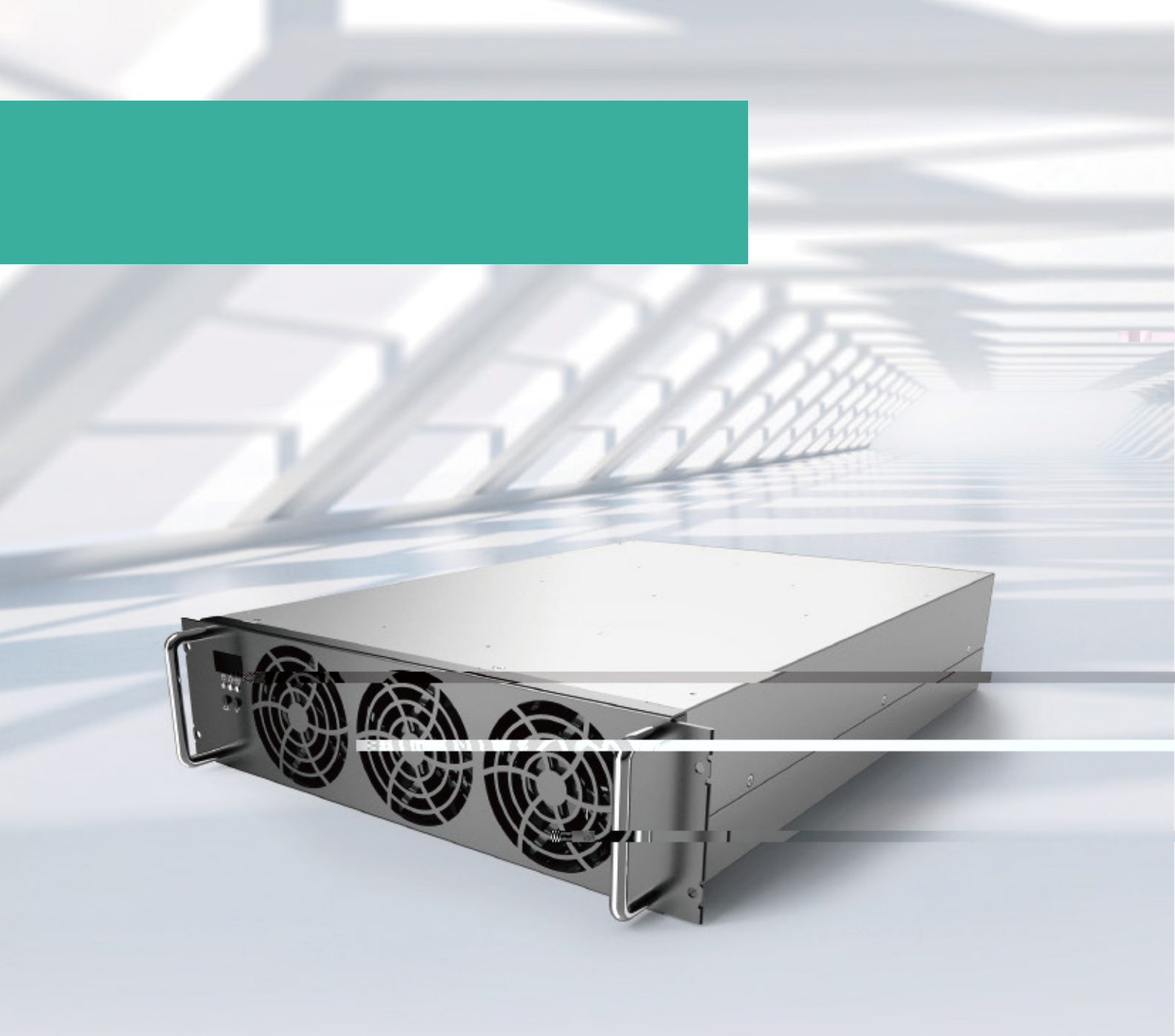
MIPC 1000-100 Series



Output Characteristic Curve

Product Parameters

Model	MIPC1000-100-30kW
Power	30kW
Input Voltage	AC 380V±10%
Output Voltage	DC 500V±5%
Output Current	60A
Efficiency	≥95%
Power Factor	≥0.95
Protection	Overload, Overcurrent, Overvoltage, Undervoltage, Short-circuit, Overtemperature
Environment	Operating Temperature: -25℃~+55℃, Humidity: 5%~95%
Dimensions	400mm*1000mm*150mm
Weight	15kg
Installation	Indoor, Wall-mounted or Floor-standing
Cable Length	Standard 5m, Customizable
Warranty	3 Years
Certification	CE, FCC, RoHS
Accessories	Power Cord, User Manual
Notes	1. Please read the user manual before using the device. 2. The device should be installed in a well-ventilated area. 3. Do not touch the internal components when the device is powered on.

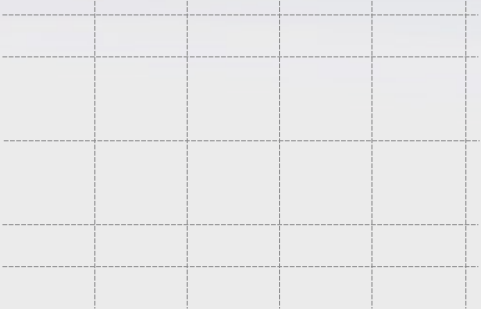


Product Parameters

Product Advantages



Maximum load curve

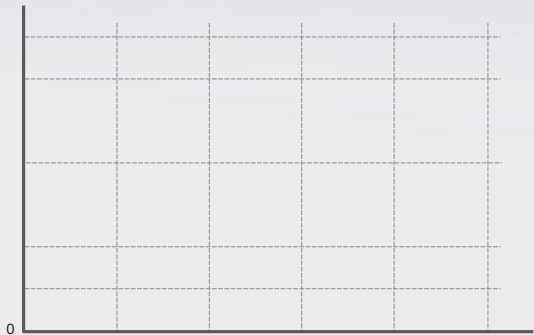


60 kW Charging Module

MIPC1000-200G1



Maximum load curve



Product Parameters

AC Input	
Input Voltage Range	Three-phase three-wire / Four lines 323 to 480 V (Full load voltage) 260 to 480 V (Operating voltage)
Maximum Input current	< 115
Frequency Range	50 / 60 Hz ± 5 Hz
Power Factor	> 0.99 @ 50% to 100% load
Harmonic current	< 5% @ 50% to 100% load @ 380 V
	≥
DC Output	
Output Power	60 kW
Output Voltage Range	150 to 1000 V
Constant Power Output Voltage Range	300 to 1000 V
Output current	≤ 200
Equal current Unbalance	≤ ± 5%
Stabilized Voltage Precision	≤ ± 0.5%
Stabilized current Precision	≤ ± 1% (20% to 100% load)
Output Voltage Setting Error	≤ ± 0.5%
Monitor	
Communication	N2.0 , 125 / 250 / 500 kbps
Maximum Number of Simultaneous Machines	60
Working condition Indicator	Green light - normal Yellow light - warning Red light - fault
Working Environment Conditions	
Operating Temperature	
Storage Temperature	
Relative Humidity	5 to 95% no condensation
Cooling Mode	Intelligent air cooling
Altitude	Operating altitude range ≤ > 2000 m, Every 100 m Temperature
Product Reliability and Safety	
MTTF	> 300,000 hours
Insulation and Voltage Resistance	4.2 kVDC - Input to output 3.5 kVDC - Input to FG 3.5 kVDC - Output to FG 4.2 kVDC - Input to N 4.2 kVDC - Output to N
Alarm and Protection	
Input Over / Under Voltage Protection	Automatic shutdown protection, automatically resumes work after input voltage returns to normal
Output Overvoltage Protection	Automatically shuts down and locks, requires manual operation to resume work
Output Over-current and Short-circuit Protection	Automatically shuts down and locks, requires manual operation to resume work
Over Temperature Protection	Automatic shutdown protection, automatically resumes work after the temperature returns to normal
Dimensions and Weight	
Dimensions (W x H x D)	
Weight	14 kg

25 kW Charging Module

MIPC1000-100GD

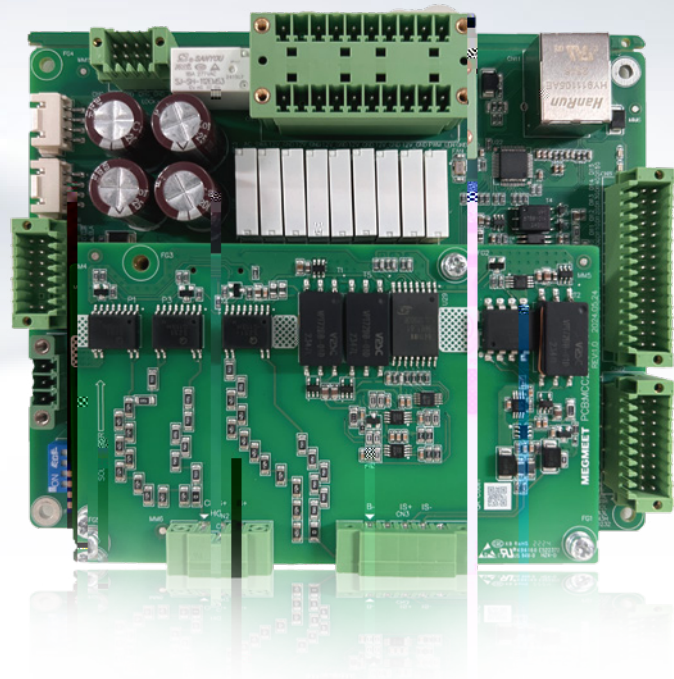


Output Characteristic Curve

Product Parameters

DC Input	
Input Voltage Range	550 to 830 VD（operating voltage range）
Maximum Input current	< 41 Up to 96.3%
DC Output	
Output Power	25 kW
Output Voltage Range	200 to 1000 V
onstant Power Output Voltage Range	300 to 1000 V
Output current	≤ 84
Equal current Unbalance	
Monitor	
Working Environment Conditions	
Product Reliability and Safety	
Alarm and Protection	
Dimensions and Weight	

Charger Communication Control Unit (CCU)



Applications

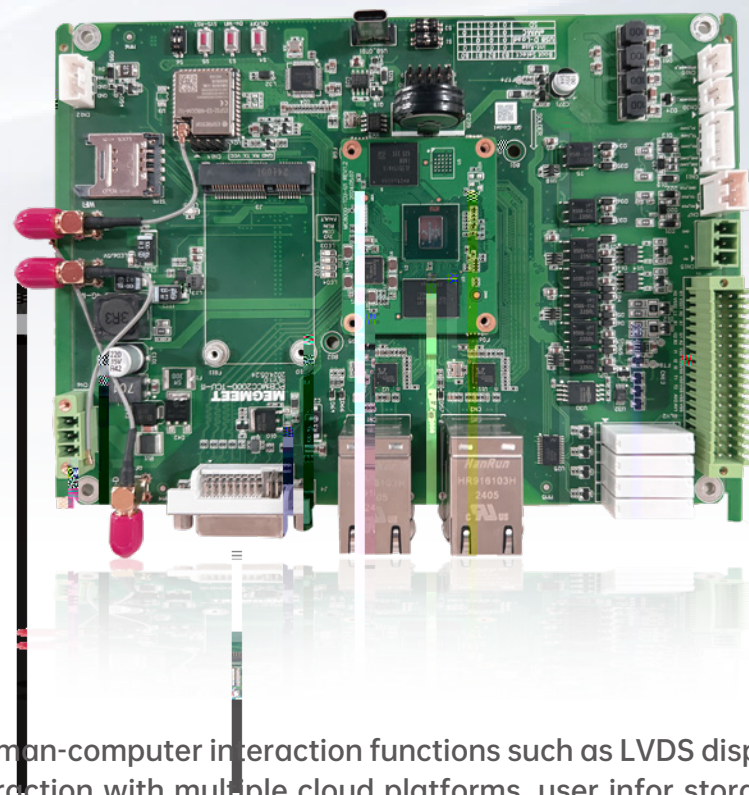
CCU mainly plays the role of electrical protection, interacting with the vehicle's BMS and controlling the on-off switching of contactors.

Product Advantages

-  Rich and diverse communication interfaces
-  Integrated insulation detection circuit
-  Low temperature

Input voltage:	— DC 12V			
Interface parameters:	— 2 DO ports	— 1 PWM output	— 3 CAN ports	— 1-channel RS485,
	— 15 DI ports	— 2-channels temperature sampling	— 1 Ethernet port	1-channel RS232

Charger Telematics Control Unit (TCU)



Applications

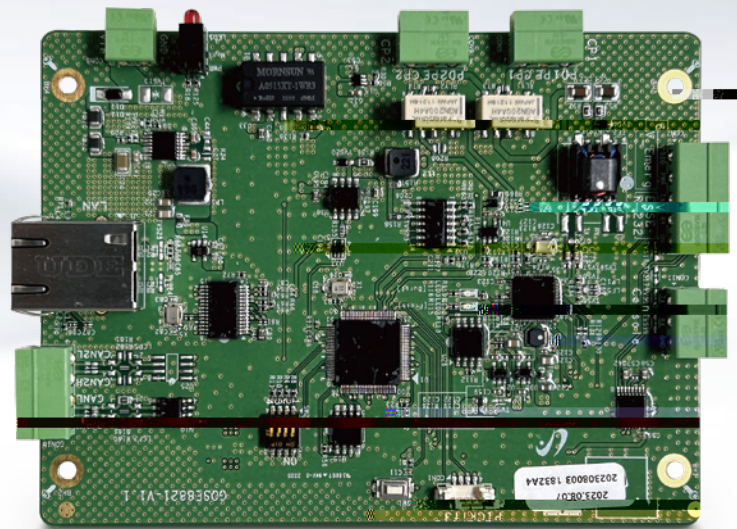
CTCU supports human-computer interaction functions such as LVDS display, multiple mode of payments, interaction with multiple cloud platforms, user infor storage and encryption functions.

Product Advantages

-  Support multiple mode of payments: POS, M1card, QR code
-  Support 4G and WIFI
-  Low temperature

Input voltage:	— DC 12V		
Storage chip:	— Quad-core 64-bit Cortex-A53 processor, main frequency 1.8 GHz		— LPDDR4, 2GB 4266 Mbps
	— eMMC 5.1, 16GB		
Interface parameters:	— 3-channel RS	— 2-channels, CAN 2.0B	— 1 channel, 10 / 100 / 1000 M Ethernet port
	— 1-channel RS485	— 2-channels, 10 / 100 M Ethernet port	

Charger Protocol Converter (PLC)



Applications

PLC protocol converter supports supports European standard, American standard, Japanese standard and other CCS charging protocol.

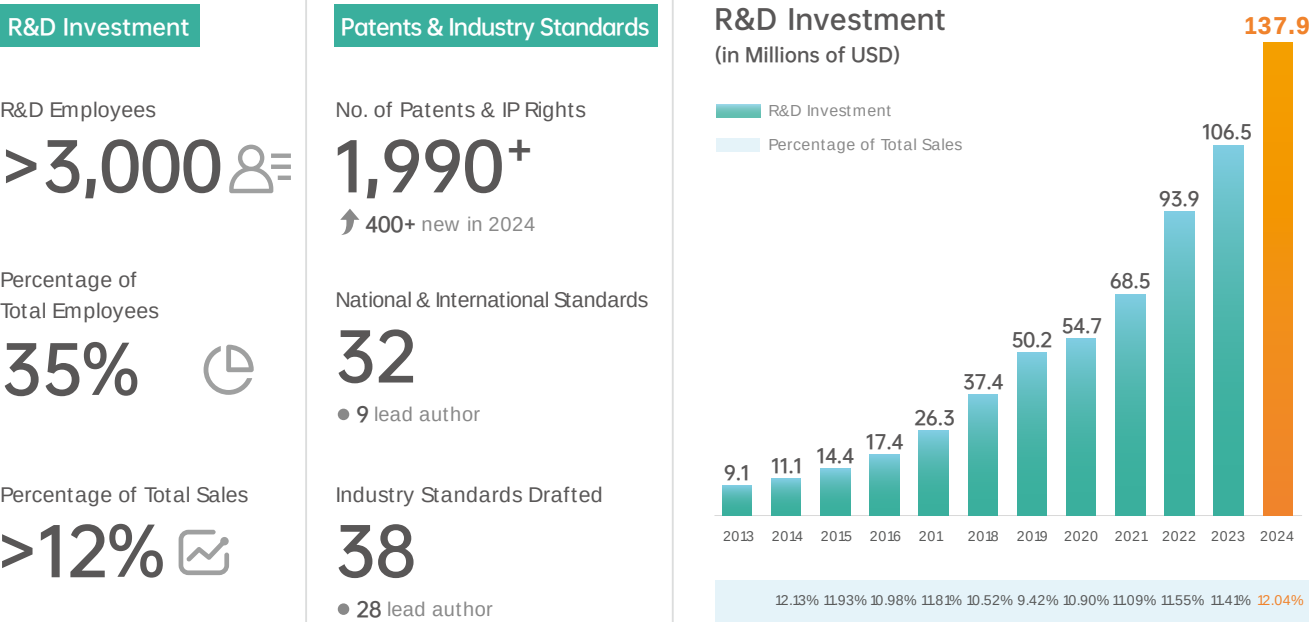
Function

- Support S, H deMO (optional) protocols
 - H deMO support, 2.0 technology standard (optional)
 - Support IE 61851-2:2023 charging interface control standard
 - Multiple external relay control (optional)
- Insulation detection, ground protection monitoring
 - Local N, remote upgrade
 - Supports all standard Proxima Detection (PD)
 - Support EIM, PN Payment Protocol
 - Local support for RS232 diagnosis, debugging, and upgrading

Charging standards:	— CCS, CHAdeMO 2.0 (Optional)	Communication port:	— CAN, RS232
Electricity supply:	— Typical supply voltage: 12 / 24 VDC — Input voltage range: 9 to 26 VDC	Dimension:	— 119 x 229 (mm)
Working power consumption:	— < 2 W for CCS, Max. 40 W for CHAdeMO	Range of working temperature:	—

R&D CAPABILITY

Sustainable R&D Investment



Testing Capabilities & Management System



MEGMEET's testing capabilities and management system have been



CNC Machine Tools



CNC Machine Tools



CNC Machine Tools



CNC Machine Tools

ODM OEM



System Components
Supplier



Source Factory



One-Stop
Solution