



- Πίνακας Περιεχομένων

01-06	PCS
07-08	Hybrid BESS 50 / 100 kWh
09-18	On-grid Solutions
19-20	Off-grid Solutions
21-26	Key Components
27-30	Battery System
31-32	High Voltage Box
33-34	Energy Storage Combiner Cabinet
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Product Advantages



Μulti-energy dispatch
V r e e
C



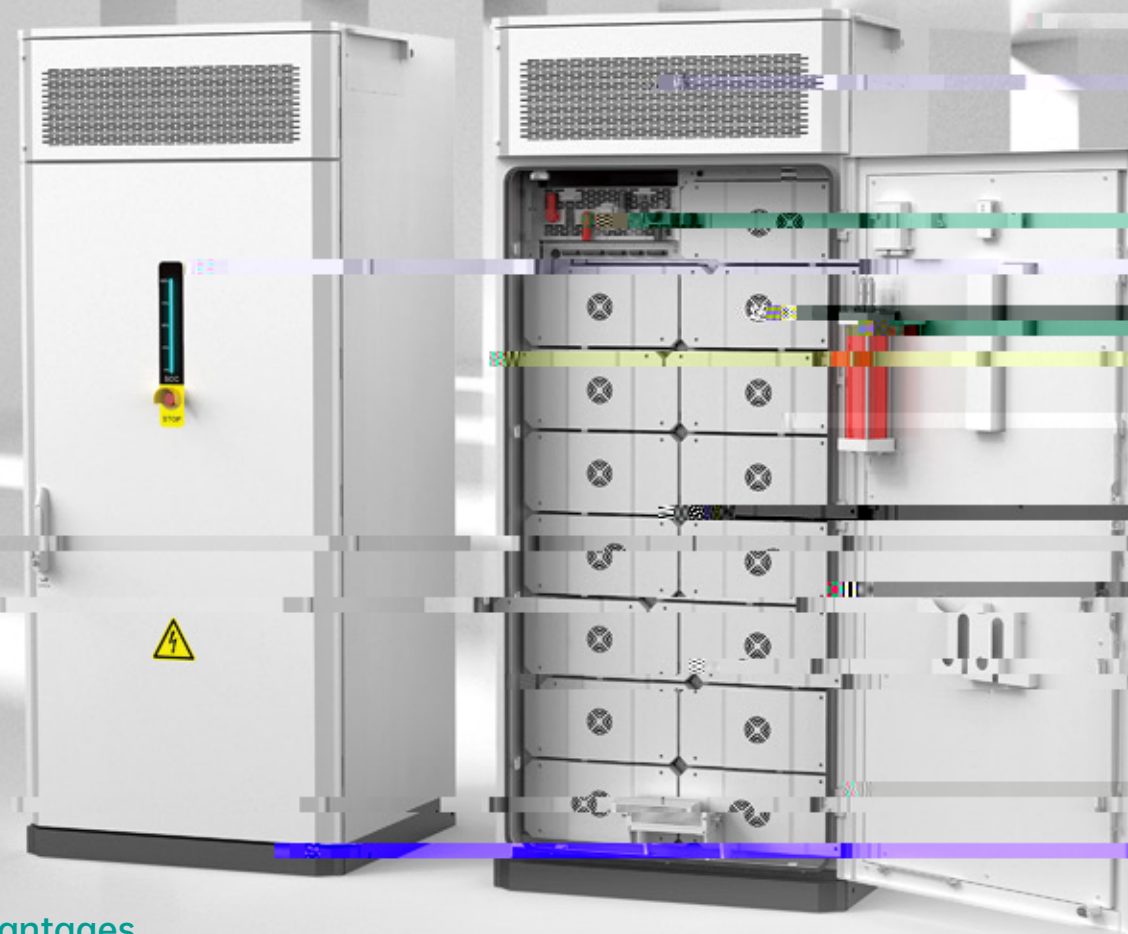
Smart grid



Network communication



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Product Advantages





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Product Advantages

- LiőĀĩěčĀ ĩő - Ɔ ĩőņƆĩ

Refined thermal management,
PACK temp difference ≤ 3 °C
Multi-level control technology
- Ĭ ěčĒ ~Āő ŕņěőŮ

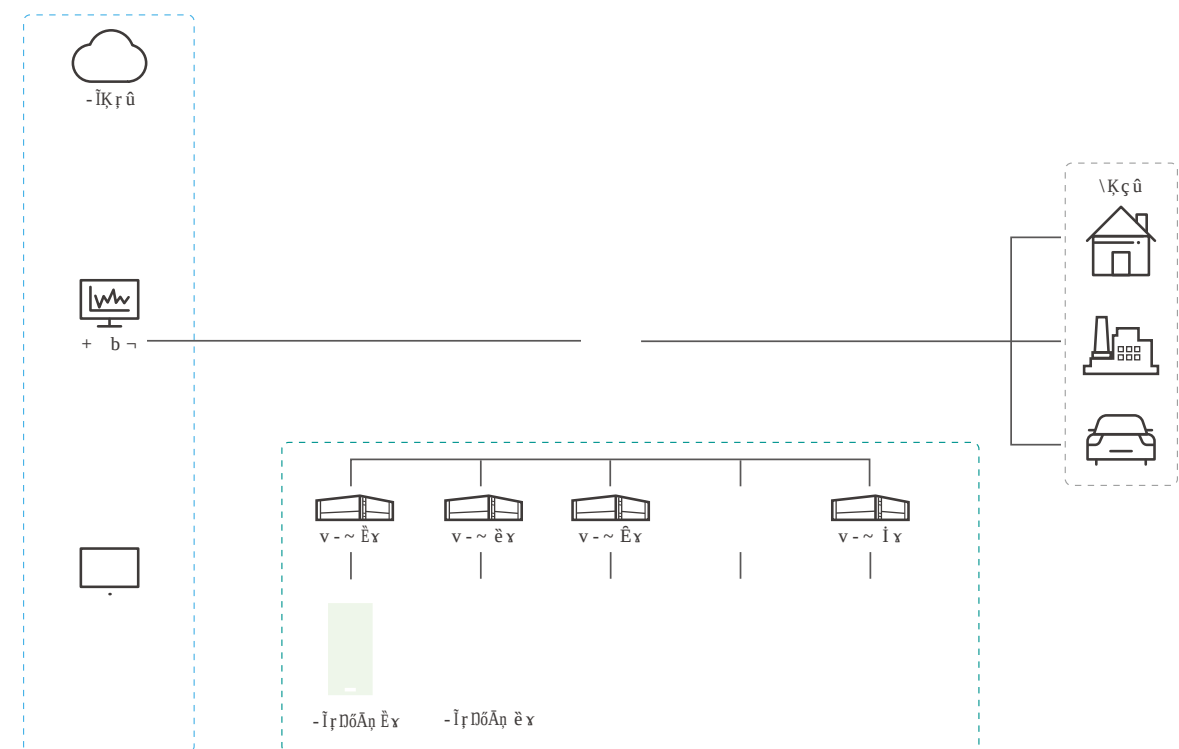
LFP cell
Multi-level fire protection
Long lifetime
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Multifunctional dispatch,
virtual power plants power
demand-side response
Peak-valley trading profit
- BĩĀűěőĩĀ 8ű ĩ Ɔ ĩőěƆ ĩ

Supports parallel use of
multiple machines
Hierarchical protection of
the system
Support elastic expansion
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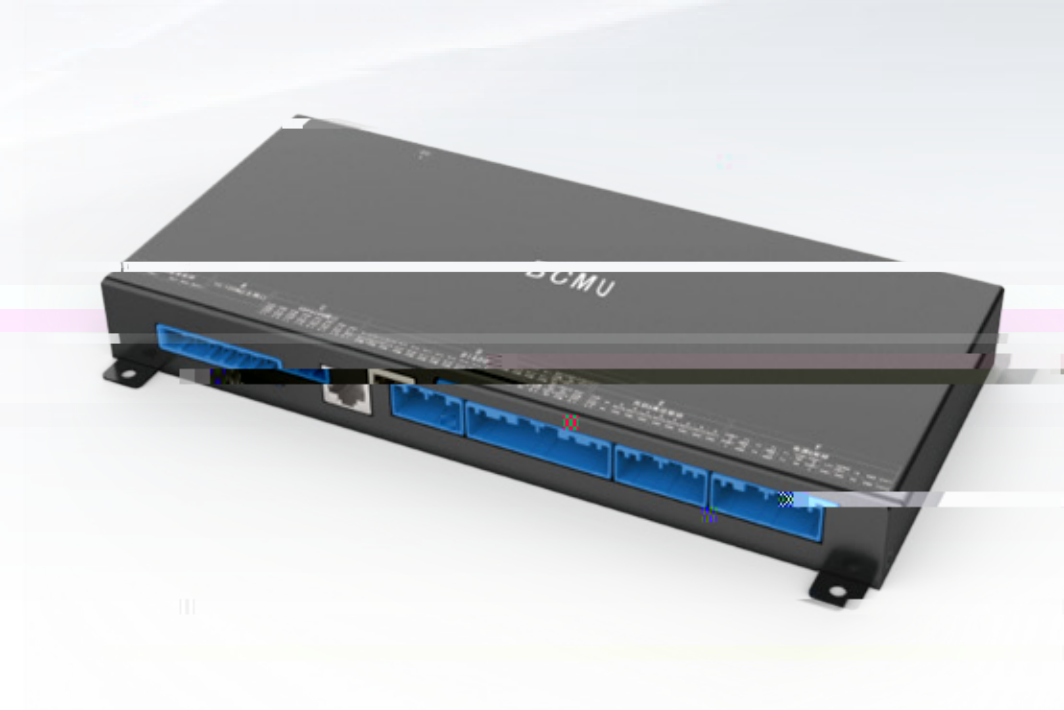
Modular cabinet design
Integrated transportation
Easy installation and
maintenance
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For source-grid or
customer-side, for all
loads or AC generators



Applications

Product Parameters



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Applications

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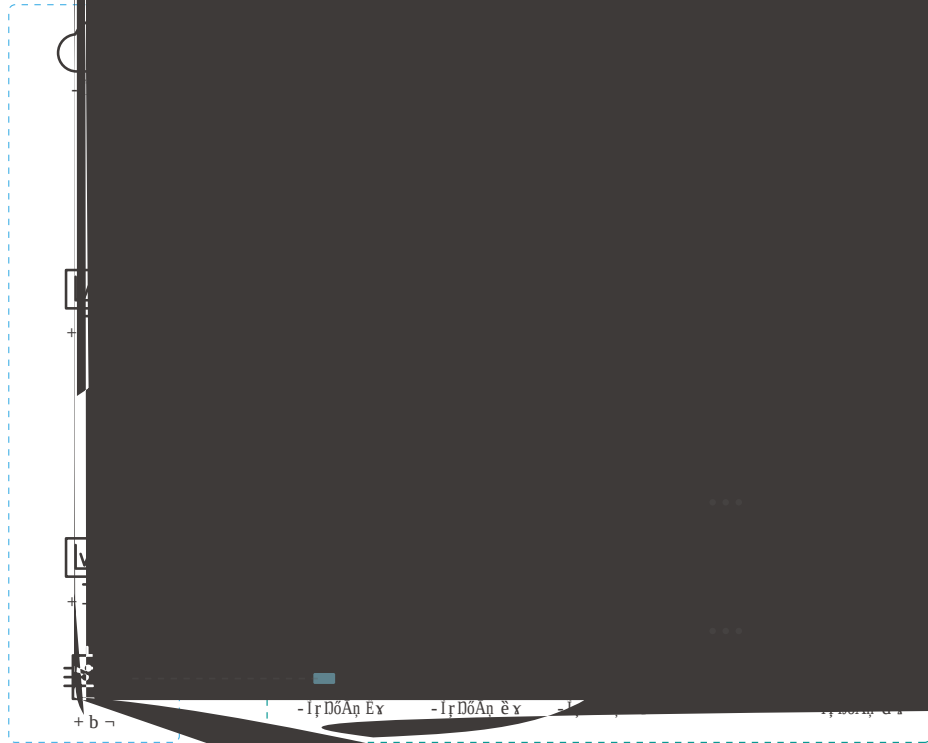
Product Features

- Seconds of data retention
- Edge computing, real-time diagnosis of battery safety & health status, equipment status inspection
- Triple-network redundancy, with multi-interface centralized control capability
- Micro-service architecture, support SDK secondary development
- QT UI architecture, support OTA remote upgrade
- Support overvoltage & undervoltage, overcurrent, differential pressure & temp protection, FDD, thermal control

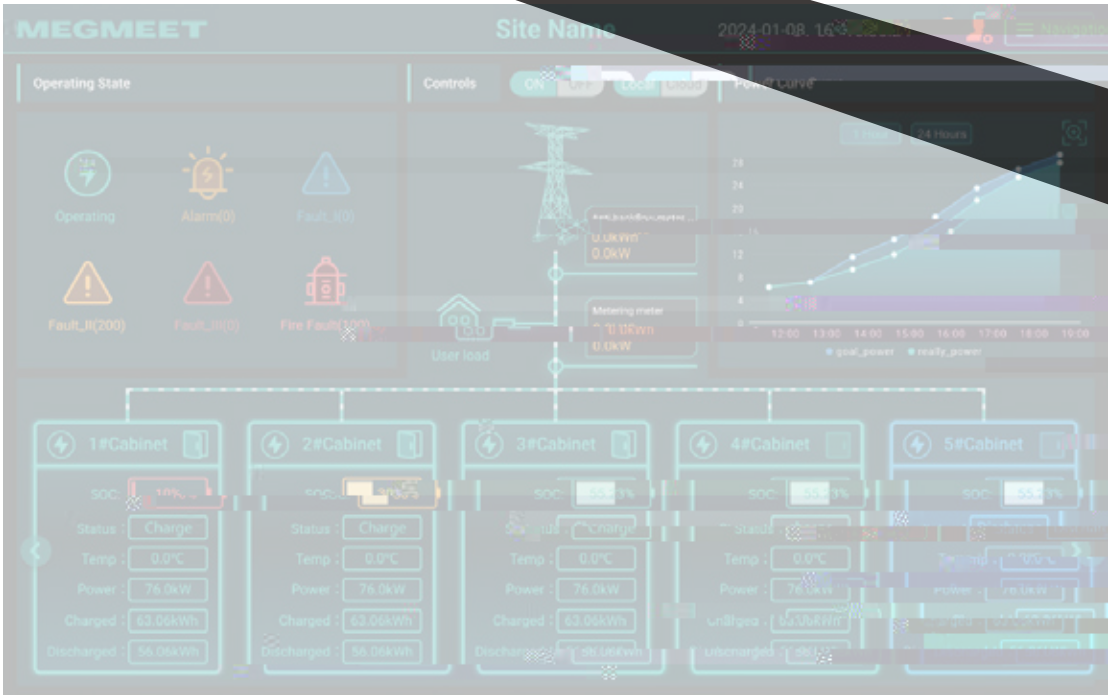
Product Parameter

- 3-Channels LAN
- 5-Channels RS485
- 3-Channels CAN
- 12-Channels DI
- 12-Channels DO
- 2 g main frequency / 4 g memory, support data refresh, response within 100 ms
- 500 g solid state drive, seconds of data retention

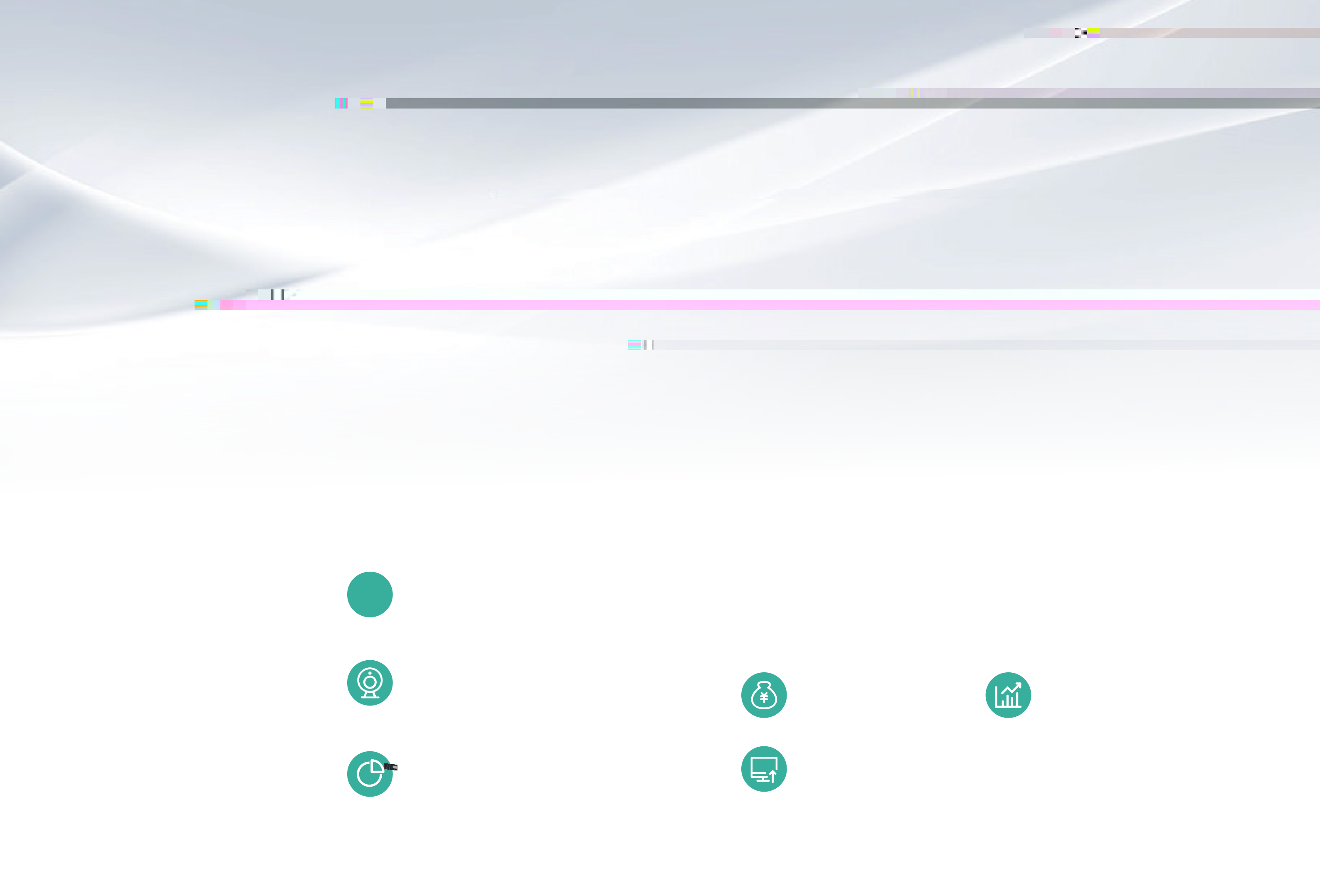
Product

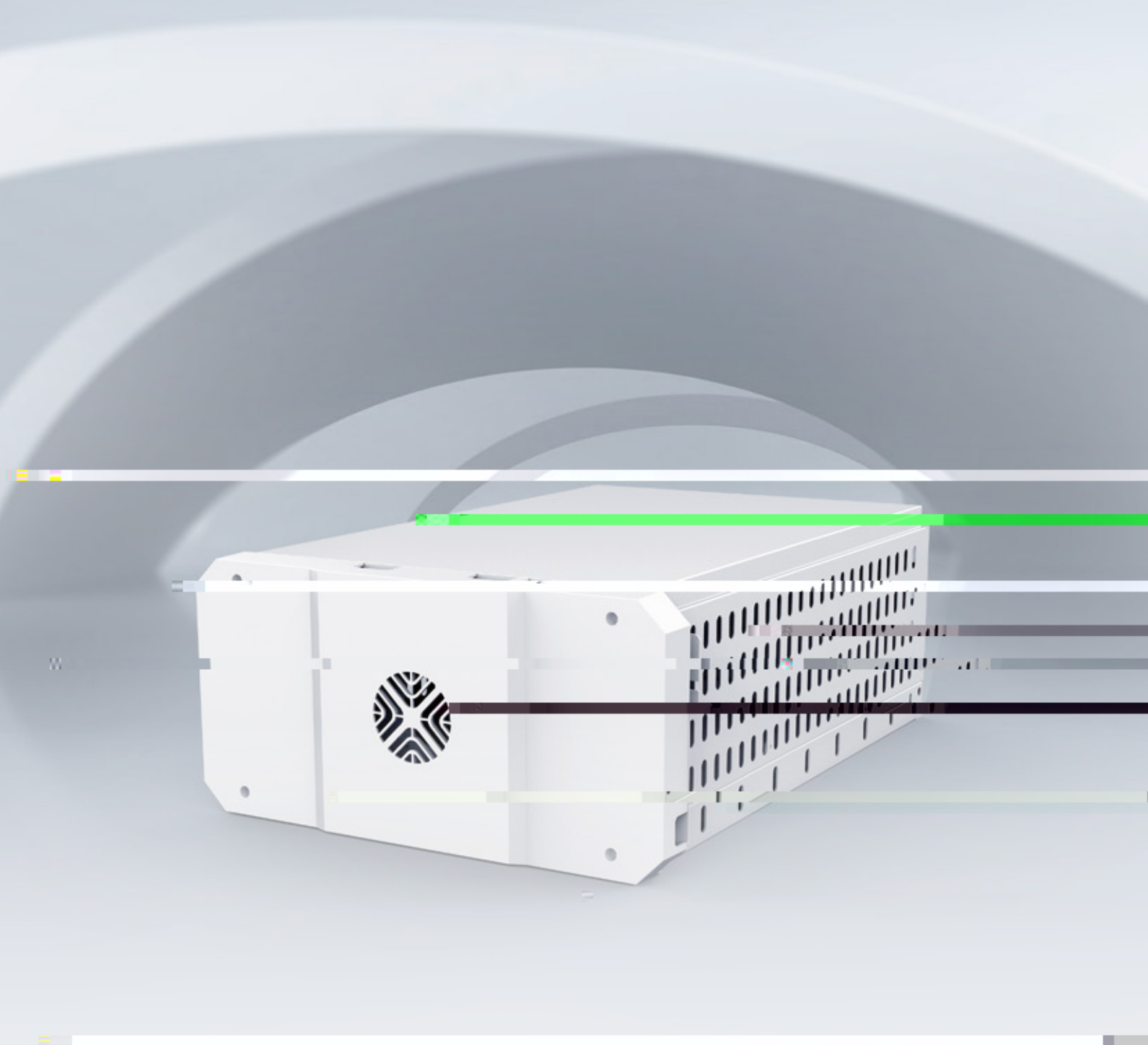


BAMU Monitoring Platform



- Access to data from various components of ESS
- Demand control, anti-backflow control
- Access and control data on BMS, PCS, fire protection, air conditioning, temp & humidity sensor and lo interface
- Real time data monitoring
- Support redevelopment for cloud platform





Product Parameters

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	14.336 kWh
1P16S	
280 Ah	
51.2 V	
40 to 58.4 V	
0.5P	
0.5P	
> 6000 times (+25 °C, 0.5 P, 80 % EOL)	
½ΚηñēĬ č 8 Ĭ ēηΚĬ Ĭ Ä Ĭ ð	
Thermal Management	
Working Temperature Range	−40°C to +58.7 °C
Relative Humidity	
Altitude	
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IP Grade	
Total Weight	
Dimensions (W x H x D)	



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Product Advantages



Modular Design
Flexible and scalable
on demand



Safety & Intelligent Control
Central control and cabinet
control management



Intelligent Cloud Connection
Cloud Interconnection
Real-time monitoring

Combiner Cabinet for Air Cooling ESS Product Parameters

Rated Output Voltage	400 VAC
Rated Output Current	800 A (4 energy storage cabinets are equipped with a 800 A switch)
Rated Frequency	50 / 60 Hz
Input Current for Single ESS	200 A
Number of Input Channels	4 channels (4 energy storage cabinets are equipped with a 800 A switch)
IP Grade	IP55
Weight	≤ 400 kg
Dimensions (W x H x D)	600 x 2500 x 980 (mm)

Combiner Cabinet for Liquid Cooling ESS Product Parameters

Rated Output Voltage	690 VAC
Rated Output Current	1600 A (6 energy storage cabinets are equipped with a 1600 A switch)
Rated Frequency	50 / 60 Hz
Input Current for Single ESS	156 A
Number of Input Channels	6 channels (6 energy storage cabinets are equipped with a 1600 A switch)
Ip Grade	IP55
Weight	≤ 750 kg
Dimensions (W x H x D)	800 x 2350 x 1350 (mm)

R&D Investment

(in Millions of USD)

- R&D Investment
- Percentage of Total Sales

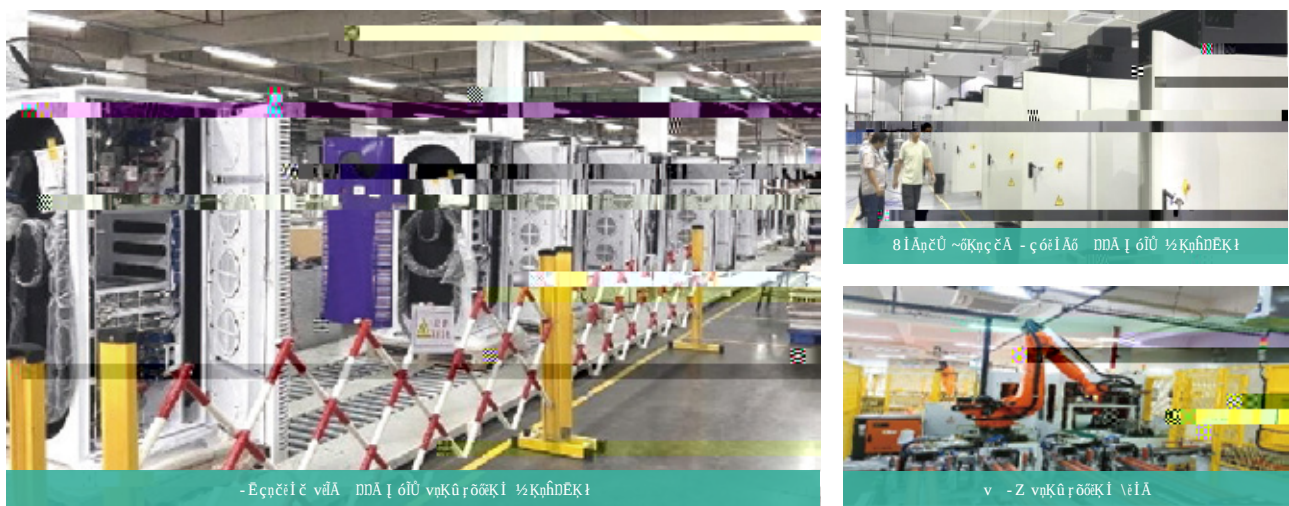


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Having A Complete Sheet Metal Production Chain — Sheet Metal Spraying



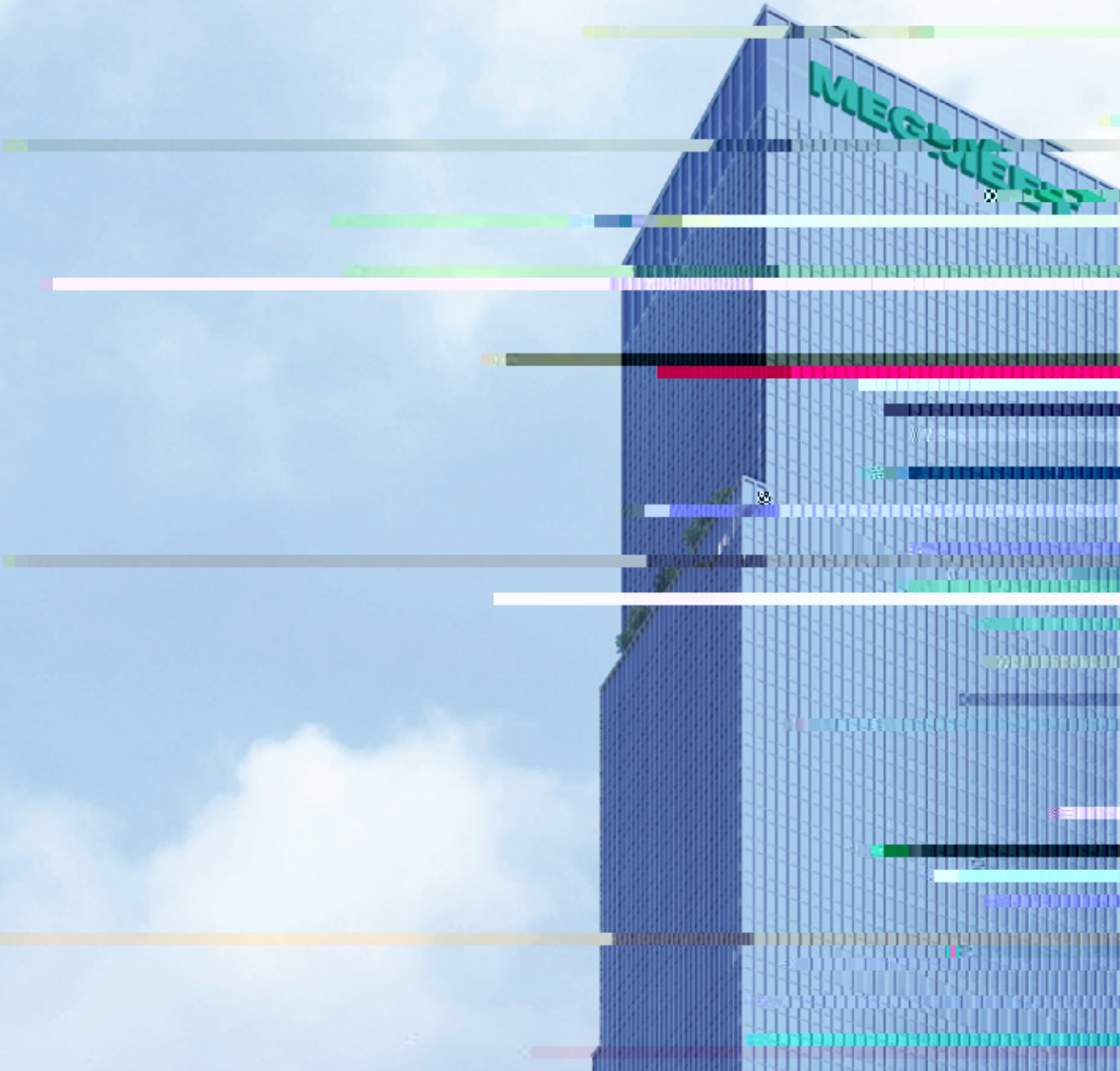
Having A Complete Sheet Metal Production Chain — Production & Assembly

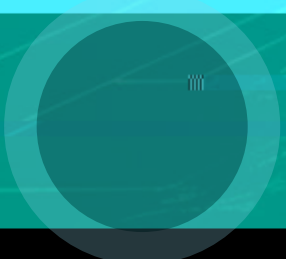


Having A Complete Sheet Metal Production Chain — Testing & Inspection



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, and more. Our products and services are widely used in various industries, including automotive, industrial, and consumer electronics.





Mass Customization
Source Factory

One-Stop
Solution