

ELECOD Modular Solution

Energy Storage System



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"Innovation Advocate" for Industrial and Commercial Modular photovoltaic Energy Storage System.

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ELECOD primarily develops and produces PCS modules, photovoltaic storage systems, and industrial and commercial energy storage solutions.

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ELECOD primarily focuses on PCS modules, photovoltaic storage hybrid converters, and outdoor cabinet energy storage systems.

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ELECOD has won the industry's "Innovative Product Award" and "Core Critical Equipment Supplier" awards two years in a row. Its certifications broadly cover global markets.

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ELECOD has successfully commissioned multiple energy storage projects worldwide.



ABOUT US

Shenzhen Elecod Electric Co., Ltd



“RESP”

Reliable Energy Solution Partner for Storage System

Professional R & D Team
Turnkey Solution Architects
Professional Custom System Solutions | OEM & ODM Services
Providing premium products and integrated solutions

Elecod is a leading high-tech company of commercial & industrial (C&I) power conversion systems (PCS) and battery energy storage system (BESS) solutions in China. In 2025, Elecod ranked 3rd globally among Chinese enterprises for third-party energy storage PCS shipments.

With over 20 years of industry experience, Elecod delivers fully integrated solutions covering: C&I PCS, hybrid inverters, outdoor BESS cabinets, containerized BESS, STS cabinets, DC-DC converters, and on/off grid switching cabinet (STS cabinet)—supporting applications such as peak shaving, solar self-consumption, hybrid microgrids, backup power, and EV charging station.

Strong R&D capabilities drive our innovation. Elecod holds 20+ invention patents, software copyrights, and technical publications, and our products comply with major international standards, including: EN IEC 61000, EN 50549, G99, CEI 0-16, C10/11, 2016/631 EU(NC RFG), PPDS, ENA EREC G100, TR3.3.1, VDE-AR-N 4110, etc.

Elecod has established long-term, in-depth strategic partnerships with prestigious universities such as Tsinghua University. It is also a high-quality supplier for the State Grid and the National Energy Administration. With headquarters in Shenzhen and offices in Thailand, Myanmar, the Netherlands, and South Africa, Elecod has established a global presence across 60+ countries and regions, providing responsive local support and trusted energy solutions worldwide. With headquarters in Shenzhen and offices in Thailand, Myanmar, the Netherlands, and South Africa, Elecod has established a global presence across 60+ countries and regions, providing responsive local support and trusted energy solutions worldwide.

*To Be A Pioneer In Upgrading, Evolving, and
Transforming In The field of Energy Industry.*

Stephen Ho.



Stephen Ho
Founder and CEO



elecod

elecod

ELECOD Modular Solution Energy Storage System



Peak shaving and valley filling are among the most common applications in industry and commerce. We combine energy characteristics, such as photovoltaics and wind power, with users' electricity characteristics and habits to optimize energy storage and improve the economics of project investment by enhancing product availability.

We define standard DC/DC modules (suitable for photovoltaic, energy storage, hydrogen production, and remote supply), DC/AC modules (suitable for photovoltaic, energy storage, and flexible grid integration), and STS modules (suitable for seamless switching and uninterrupted power supply). These three power modules can be interchanged to meet the varied requirements of customers.

ELECOD Award

TOP 3

2025 C&I PCS Shipments
(100-125kW)(GGII)

TOP 4

2024 C&I PCS Shipments
(100-125kW)(GGII)

TOP 20

2025 Technology Innovation
Leaders in Commercial and
Industrial Energy Storage Systems
(OFweek)

TOP 50

China 2nd Edition Top 50 New
Energy Tech Enterprises
(KPMG)

TOP 100

2025 Global Pioneers from China
(CYZONE)



GENERATION



STORAGE



LOAD

ELECOD's modular solutions for energy storage technology include:

- Electricity and demand management for industry and commerce
- PV storage and charging
- Backup power for IDCs and communication bases
- Islands, mountain border posts, and other independent electricity areas
- Public power distribution area on the power side

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WE PROVIDE

ELECOD Power Module and Converter

Delivering Comprehensive ODM/OEM Solutions

ELECOD complies with ISO 9001 standards throughout all processes. We persistently innovate premium products distinguished by their distinctive designs.

Adhering to Globally Recognized Quality Standards

We precisely oversee production to provide clients with top-tier products and satisfying post-purchase support. Each item bears the CE and IEC certifications, attesting to their quality.



Energy Storage Converter
Build-in Transformer, 50-150kW



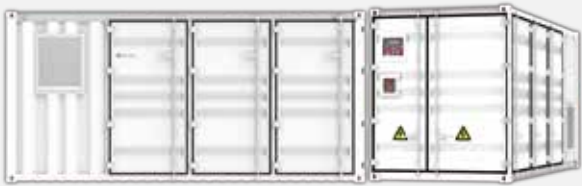
Energy Storage Converter
Indoor/Outdoor type, 250-1000kW



Outdoor Cabinet Energy Storage System
125kW-253kWh



Photovoltaic and Storage Hybrid Inverter
Indoor/Outdoor type, 50-250kW



Containerized Energy Storage System
500kWh-2000kWh



Power Module
50-215kW

Marketing

ELECOD serves a global customer base across Asia, Europe, Africa, and beyond. Our products are valued for their thoughtful design and the reliable support provided by both ELECOD and our authorized distributors.

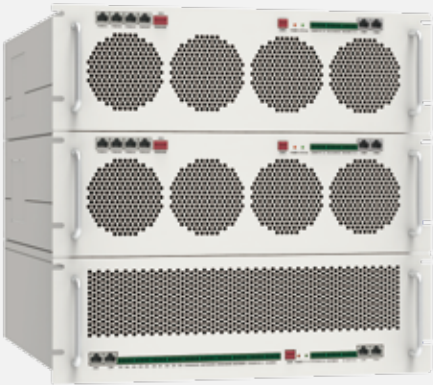
Product

ELECOD engineers remain user-focused, designing inverters and systems that are easy to install, simple to operate, and adaptable to diverse applications. Our inverters are widely deployed worldwide, with parallel capabilities recognized as industry-leading.

Service

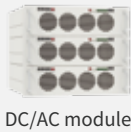
We are committed to delivering professional, efficient, and high-quality service throughout the entire product lifecycle. By responding promptly to diverse and individualized customer needs, we ensure our energy storage products and solutions continue to create lasting value.

ELECOD Modular Solution



- 1** **DC/AC** Module: with PQ/VF, VSG, CV, MPPT multiple operating modes; Three-level topology, high conversion efficiency; Compatible with 3-phase 3/4-wire outputs.
- 2** **DC/DC** Module: both photovoltaic charging and energy storage charging and discharging functions; Three-level topology, high conversion efficiency; Dual interleaved parallel control reduces ripple current.
- 3** **STS** Module: with voltage, current, amplitude, frequency, and phase synchronization detection, and communication, it can realize seamless switching of microgrid system and off-grid to ensure power supply reliability.

Module 1 Energy Storage Converter

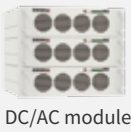


DC/AC module

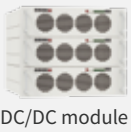
Option 1



Module 1 + 2 Hybrid Inverter



DC/AC module



DC/DC module

Option 2



+ Module 3 UPS type Inverter

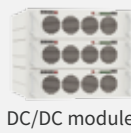


STS

Option 3



Module 2 PV MPPT Charger



DC/DC module

Option 4



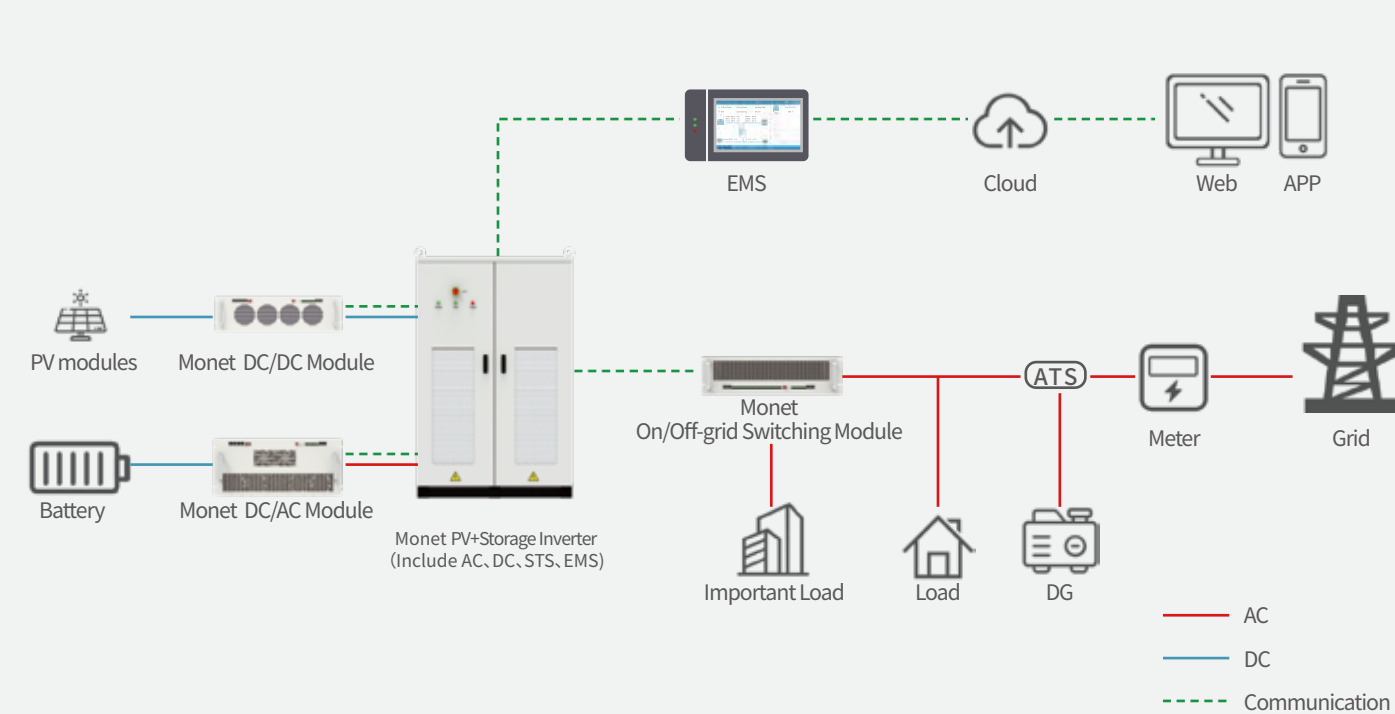
+ Battery Outdoor Cabinet ESS

Option 5



Scenario

Multi-energy solution for Microgrids



Microgrid Solutions:

- Our energy storage system supports power regulation and stabilization within microgrids, seamlessly integrating diverse energy sources such as photovoltaics, wind, diesel generators, and the public grid. It is particularly suited for electrification in remote, island, and mountainous areas, as well as for optimizing solar storage and charging management in technology parks and campuses.

Recommended Products

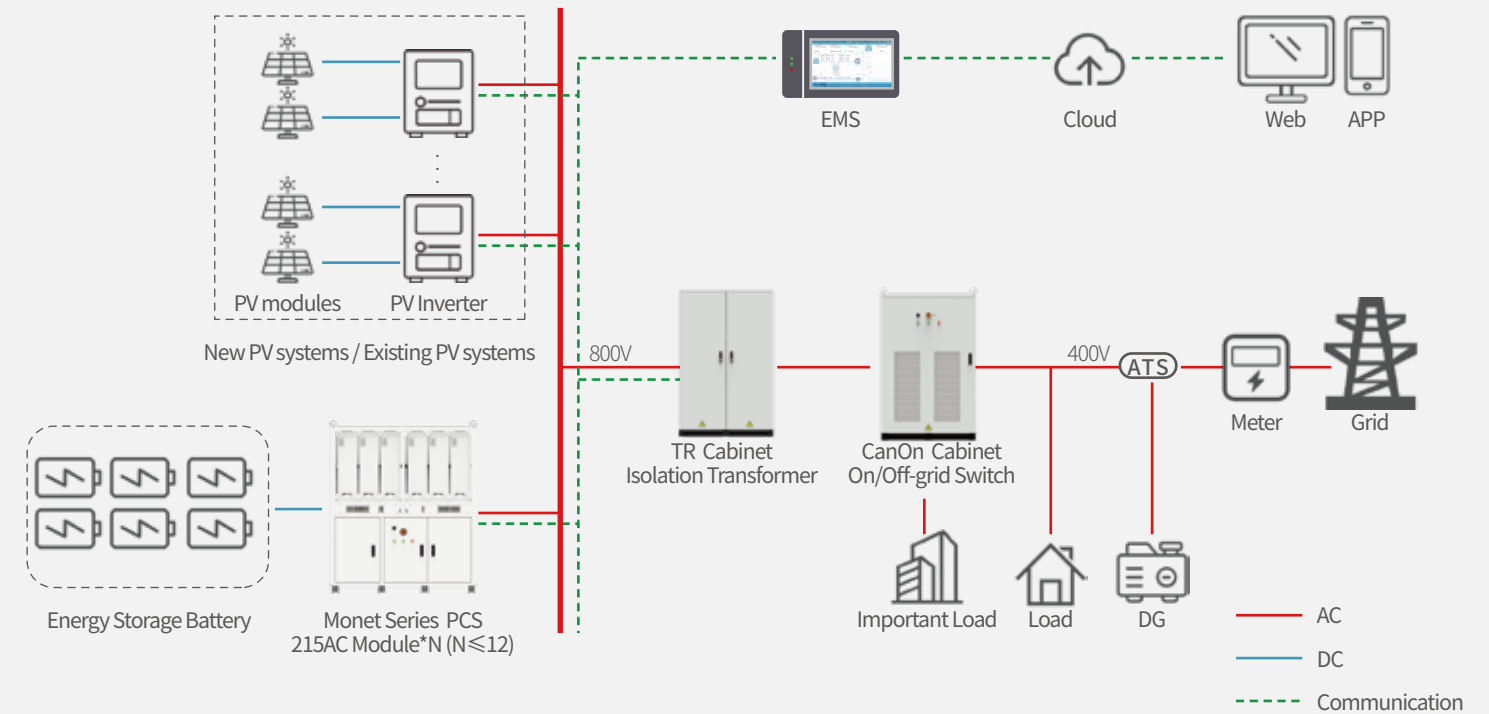
- DC/AC Energy storage inverter
- DC/DC converters for PV
- STS Static Transfer Switch

Highlights:

- Built-in power isolation transformer, strong impact resistance and strong stability.
- On-grid, off-grid, VSG multiple operation modes to meet the diversified needs of microgrids.
- Support photovoltaic modules and various types of energy storage battery access, one machine multi-purpose.
- With RS485/CAN 2.0/ Ethernet communication and dry contact control port, remote control can be realized.

Scenario

Large-scale energy storage power station (AC-coupled)



C&I Solutions:

- This solution is suitable for both 800V utility-scale photovoltaic-storage projects and 400V AC systems with 100 per cent unbalanced output. It is compatible with large and medium-sized centralised photovoltaic systems equipped with energy storage, enabling it to smooth out fluctuations in photovoltaic output, meet grid constraints and provide a standardised, highly adaptable solution.

Recommended Products

- DC/AC Energy storage inverter
- DC/DC converters for PV
- STS Static Transfer Switch

Achieve peak shaving:

- Battery storage enables electric vehicle charging during peak hours, with recharging occurring during off-peak periods to lower station operating costs. Integrated Static Transfer Switches (STS) maintain seamless, reliable power for critical loads through instant grid-backup switching.

Monet Power Module(AC)

50kW/125kW



Product Features

- High-efficiency three-level topology
- Modular design for flexible scalability
- Imported IGBTs ensure high performance and stability
- Adapt to different application scenarios
- Supports modular cluster-based management

Monet Power Module(AC)

215kW/150kW/125kW



Product Features

- 1500V DC system
- IP66 protection, withstanding harsh environments
- Supports grid voltage levels of 400V/690V/800V
- Supports multiple units in parallel
- Cluster management design for enhanced battery availability

Product Specification:

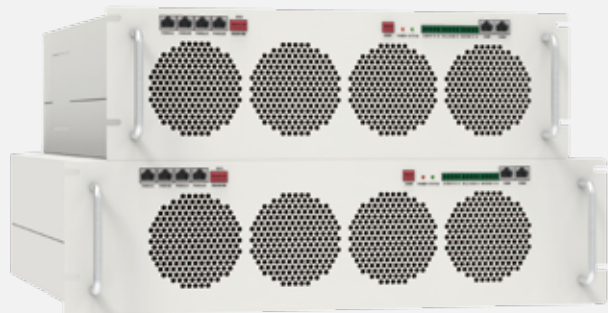


Model	Monet-50AC	Monet-125AC	Monet-125AC(IP65)	Monet-125AC(HVB)
DC Rated Voltage Range	500~1000V	580~1000V	580~1000V	580~1000V
DC full load Voltage Range	500~950V*	625~950V*	625~950V*	625~950V*
DC Max. Current	110A	200A	200A	200A
	AC			
AC Rated Power	50kW	125kW	125kW	125kW
AC Max. Power	55kW	137.5kW	137.5kW	137.5kW
AC Rated Current	72A	180A	180A	180A
AC Rated Voltage	3W+PE/3W+N+PE, 400Vac			
AC Rated Frequency	50Hz/60Hz (±5Hz)			
THDi	<3%(rated power)			
Power Factor Range	-1(leading) ~ +1(lagging)			
Unbalanced Load Capacity	100%,three phase independent control			
Overload Capacity	110% normal operation; 120% 1 minute			
Adaptive Battery	lithium/lead acid/Solar panel (MPPT)			
	General Parameters			
Isolation Method	Non-Isolation			
Altitude	3000m(>3000m derating)			
Operating Temperature Range	-25~60°C(Derating above 45°C)			
Cooling Mode	Forced air-cooling			
Relative Humidity	0~100%(No condensation)			
Communication Mode	RS485/CAN 2.0/ Ethernet/dry contact			
Max. Conversion Efficiency	98.5%	98.2%	98.2%	98.2%
Ingress Protection	IP20	IP20	IP65	IP20
Dimension(W*D*H)	440*600*150mm	520*680*245mm	600*750*245mm	650*680*245mm
Weight (approx)	32kg	55kg	69kg	67kg

PERFORMANCE SPECIFICATIONS

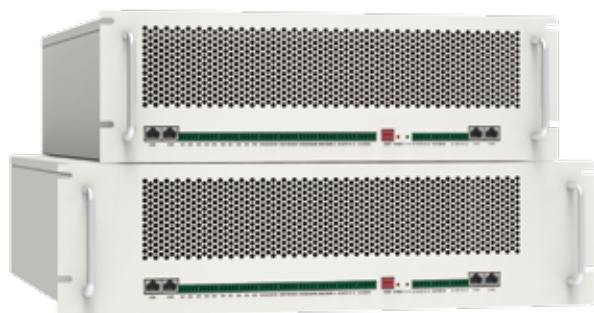
Model	Monet-215AC-H6	Monet-215AC-H8	Monet-150AC-H4	Monet-125AC-H4
DC Rated Voltage Range	1000~1500V	1150~1500V	680-1500V	680-1500V
DC full load Voltage Range	1150~1500V	1150~1500V	728~1200V	680-1500V
DC Max. Current	206A	206A	206A	206A
	AC			
AC Rated Power	215kW	215kW	150kW	125kW
AC Max. Power	236.5kW	236.5kW	150kW	137.5kW
AC Rated Current	180A	155.2A	216.5A	180.4A
AC Rated Voltage	690Vac/3W+PE	800Vac/3W+PE	400Vac, 3W+PE/3W+N+PE	400Vac, 3W+PE/3W+N+PE
Unbalanced Load Capacity	110% normal operation; 120% 1 minute		110% 1 minute	110% normal operation; 120% 1 minute
THDi	<3%(rated power)			
Power Factor Range	-1(leading) ~ +1(lagging)			
Unbalanced Load Capacity	100%,three phase independent control			
AC Rated Frequency	50Hz/60Hz (±5Hz)			
Adaptive Battery	lithium/lead acid/Solar panel (MPPT)			
	General Parameters			
Isolation Method	Non-Isolation			
Altitude	3000m(>3000m derating)			
Operating Temperature Range	-30~60°C(Derating above 45°C)			
Cooling Mode	Forced air-cooling			
Relative Humidity	0~100%(No condensation)			
Communication Mode	RS485/CAN 2.0/ Ethernet/dry contact			
Max. Conversion Efficiency	99%	99%	99%	99%
Ingress Protection	IP66, C4 corrosion protection	IP66, C4 corrosion protection	IP66, C4 corrosion protection	IP66, C4 corrosion protection
Dimension(W*D*H)	700*800*280mm	700*800*280mm	700*800*280mm	700*800*280mm
Weight (approx)	83kg	83kg	83kg	83kg

Monet Power Module(DC)
50kW



- Product Features**
- High-efficiency three-level topology
 - MPPT (Maximum Power Point Tracking)
 - Supports multiple units in parallel
 - 110% overload capacity
 - Wide DC voltage range input

Monet Power Module(STS)
150kW/300kW/600kW



- Product Features**
- Seamless switch, on/off grid switch automatically
 - Connects to diesel generators
 - When used with PCS, it enables rapid switching within 10 milliseconds
 - Suitable for applications requiring a guaranteed power supply

Product Specification:



Model	Monet-50DC	
DC Rated Power	50kW	
DC Max. Power	55kW	
	High voltage side	Low voltage side
DC Rated Voltage	250V~950V	200V~900V
DC full load Voltage Range	500-950V	345-900V
DC Max. Current	110A	80A*2
Charging Mode	According to BMS instructions/three-phase/MPPT	
Access Type	Photovoltaic/ lithium battery/ lead-acid/ flow battery/ DC bus/ DC load, etc.	
Working Mode	Constant current, constant power, constant voltage, MPPT	
Isolation Method	Non-Isolation	
Operating Temperature Range	-25~60°C(Derating above 45°C)	
Cooling Mode	Forced air-cooling	
Altitude	3000m(>3000m derating)	
Ingress Protection	IP20	
Max. Conversion Efficiency	98.8%	
Dimension(W*D*H)	Size1: 440*600*150mm; Size2: 520*600*150mm	
Weight (approx)	28/30kg	
Communication Mode	RS485 (optional)/CAN	

*Note: The device will only operate correctly when the voltage difference between the high-voltage and low-voltage sides exceeds 20V.

PERFORMANCE SPECIFICATIONS

Model	Monet-150STS	Monet-300STS	Monet-600STS
AC Rated Power	150kW	300kW	600kW
AC Max. Power	165kW	330kW	660kW
AC Rated Current	216A	433A	866A
AC Rated Voltage	3W+PE, 400Vac		
AC Rated Frequency	50Hz/60Hz		
Isolation Method	Non-Isolation		
Cooling Mode	Forced air-cooling		
Relative Humidity	0~95%(No condensation)		
Operating Temperature Range	-25~60°C(Derating above 45°C)		
Altitude	3000m(>3000m derating)		
Ingress Protection	IP20		
Dimension(W*D*H)	Size1: 440*600*150mm; Size2: 520*600*150mm		
Weight (approx)	23kg	28kg	34kg



HMiWay Hybrid Inverter
30-125kW



Product Features:

- Uses imported SiC & IGBT components for superior efficiency and reliability.
- Multi-path MPPT design maximizes solar power generation.
- Up to 42A string input current, ideal for high-power PV panels.
- Smart generator integration with auto start/stop function.
- Less than 10ms transition between on/off-grid modes for seamless backup.
- Supports up to 10 units in parallel for easy system scaling.
- Compatible with major BMS protocols for flexible battery choice.
- Built-in APP and cloud platform for remote management.
- High-efficiency design, compact structure for easy transport, installation, and service.

HMiWay Hybrid Inverter
30-125kW



PERFORMANCE SPECIFICATIONS

Model	HMiWay-30S	HMiWay-60S	HMiWay-80S	HMiWay-100S	HMiWay-125S
PV Max. Power	50kW	100kW	150kW	200kW	250kW
Vmax PV	1000V				
Start-up Voltage	180V				
MPPT Input Range	150V-950V				
Max. Operating PV Input Current	3*42A	4*42A	6*42A	8*42A	10*42A
Max. Isc PV	3*60A	4*60A	6*60A	8*60A	10*60A
MPPT number/ Input strings number	3/6	4/8	6/12	8/16	10/20
Battery					
Battery Type	LFP	LFP	LFP	LFP	LFP
Battery Voltage Range	168~950V	168~950V	224~950V	224~950V	224~950V
Battery Starting Voltage	150V	150V	200V	200V	200V
Max. Charging/Discharging Current	160A	100A*2	160A*2	160A*2	160A*2
Number of battery ports	1	2	2	2	2
AC Output (On-Grid side)					
AC Rated Output Power	30kW	60kW	80kW	100kW	125kW
Rated grid output current	43.5A	87A	116A	144.9A	180A
AC Rated Output Current	3W+N+PE, 230/400Vac, 50/60Hz				
Power Factor	>0.99				
THDi	<3%				
AC Input (On-Grid side)					
Max.Input Current	87A	174A	232A	253A	253A
AC Voltage Range	3W+N+PE, 230/400Vac, 50/60Hz				
AC Output (Off-Grid side)					
AC Rated Output Power	30kW	60kW	80kW	100kW	125kW
Overload Capacity	110% normal operation; 120% for 1 minute; 150% for 10 seconds				
AC Voltage Range	3W+N+PE, 230/400Vac, 50/60Hz				
Load Unbalance	100%				
Backup Switching Time	<10ms				
THDv	<3%				
Generator Input					
Max. Input Power	30kW	60kW	80kW	100kW	125kW
Rated Input Current	43.5A	87A	116A	144.9A	180A
Efficiency					
MPPT Efficiency	99.9%				
European Efficiency	97.0%				
Max. Efficiency	97.6%				
General Parameters					
Topology	Non-transformer				
Operating Temperature Range	-30~60°C(Derating above 45°C)				
Cooling Mode	Smart forced air cooling				
Altitude	3000m(>3000m derating)				
Ingress Protection	IP66, C4 corrosion protection				
Dimension(W*D*H)	650*750*290mm	650*750*290mm	1000*750*290mm	1000*750*290mm	1000*750*290mm
Weight (approx)	80kg	80kg	142kg	146kg	150kg
Display	4.3" LCD display + 3 LED status indicators + 4 buttons				
Communication	CAN, RS485, Ethernet, Dry contact, Wi-Fi&4G				

*This version is both on&off-grid. Grid-connected version also available.

Outdoor Cabinet Energy Storage System(Air-cooled)
100kWh/253kWh



- Product Features**
- Supporting both On/Off grid with seamless switching
 - Automatic security system, aerosol gas fire suppression
 - Highly integrated all-in-one design
 - Standardised, easy to install, easy to maintain
 - Intelligent Management System for Local Control Panels
 - Supports solar-storage-diesel, solar-storage-charging, and backup power supply

Outdoor Cabinet ESS(Liquid-cooled)
261kWh/418kWh



Product Specification:



Model	Monet-50C	Monet-125C			
	50TS(DC50)(100kWh)	125(253kWh)	125(DC100)(253kWh)	125TS(253kWh)	125TS(DC100)(253kWh)
PV Rated Power	50kW*	/	100kW*	/	100kW*
Vmax PV	720V	/	685V	/	685V
STS	STS optional	/	/	STS optional	STS optional
Transformer	Transformer inside	/	/	Transformer inside	Transformer inside
	Battery(DC)				
Battery Rated Energy	100kWh	253kWh	253kWh	253kWh	253kWh
Battery Rated Voltage	844.8V	806.4V	806.4V	806.4V	806.4V
Battery Cell Capacity	120Ah	314Ah	314Ah	314Ah	314Ah
Battery Type	LFP battery				
Series of battery	1P*24S*11S	1P*18S*14S	1P*18S*14S	1P*18S*14S	1P*18S*14S
	AC				
AC Rated Power	50kW	125kW	125kW	125kW	125kW
AC Rated Current	72A	180A	180A	180A	180A
AC Voltage Range	3W+PE/3W+N+PE, 400Vac,50/60Hz				
THDi	<3%(rated power)				
Power Factor Range	-1(leading)~ +1(lagging)				
	General Parameters				
Ingress Protection	IP55, C4 corrosion protection				
Isolation Mode	Isolation Transformer	Non-Isolation	Non-Isolation	Isolation Transformer	
Operating Temperature Range	-25~60°C(Derating above 45°C)				
Altitude	3000m(>2000m derating)				
Communication Interface	RS485/CAN 2.0/ Ethernet/dry contact				
Dimension(W*D*H)	1300*1000*2100mm	1800*1350*2300mm			
Weight (approx)	1894kg	2920kg	2980kg	3390kg	3450kg

PERFORMANCE SPECIFICATIONS

Model	Monet-125CL				Monet-215CL
	125(261kWh)	125(DC100)(261kWh)	125TS(261kWh)	125TS(DC100)(261kWh)	215(418kWh)
PV Rated Power	/	100kW*	/	100kW*	/
Vmax PV	/	708V	/	708V	/
STS	/	/	STS optional	STS optional	/
Transformer	/	/	Transformer inside	Transformer inside	/
	Battery (DC)				
Battery Rated Energy	261kWh	261kWh	261kWh	261kWh	418kWh
Battery Rated Voltage	832V	832V	832V	832V	1331.2V
Battery Cell capacity	314Ah	314Ah	314Ah	314Ah	314Ah
Battery Type	LFP battery				
Series of battery	1P*52S*5S	1P*52S*5S	1P*52S*5S	1P*52S*5S	1P*52S*8S
	AC				
AC Rated Power	125kW	125kW	125kW	125kW	215kW
AC Rated Current	180A	180A	180A	180A	180A
AC Rated Voltage	3W+PE/3W+N+PE, 400Vac,50/60Hz				690V, 3W+PE,50/60Hz
THDi	<3%(rated power)				
Power Factor Range	-1(leading)~ +1(lagging)				
	General Parameters				
Ingress Protection	IP55, C4 corrosion protection				
Isolation Mode	Non-Isolation	Non-Isolation	Isolation Transformer	Isolation Transformer	Non-Isolation
Operating Temperature Range	-25~60°C(Derating above 45°C)				
Altitude	3000m(>2000m derating)				
Communication Interface	RS485/CAN 2.0/ Ethernet/dry contact				
Dimension(W*D*H)	1600*1350*2300mm				
Weight (approx)	2580kg	2640kg	3230kg	3305kg	3772kg

Battery Cabinet (Air-cooled)

253kWh



- Product Features**
- Millisecond-level switching capability
 - Capable of rapidly disconnecting from the grid system
 - Automatic switching between grid and generator
 - Indoor and outdoor cabinet types are selectable
 - Supports multi-source input including photovoltaic, diesel generator, load, and mains electricity.

Battery Cabinet (Liquid-cooled)

261kWh/418kWh



- Product Features**
- Modular design for easy installation and maintenance
 - High protection rating, ensuring stable operation in a wide range of harsh environments
 - Equipped with an intelligent monitoring system that monitors the operational status of the energy storage cabinet and battery health in real time, with support for remote control

Product Specification:



Model	Monet-(253kWh)
Battery Rated Energy	253kWh
Battery Rated Voltage	806.4V
Battery Voltage Range	705.6V~907.2V
Battery Type	LFP
Battery Cell capacity	314Ah
Series of Battery	1P*18S*14S
Rated Charging Rate	0.5P
Ingress Protection	IP55, C4 corrosion protection
Charging Temperature Range	0~55°C
Discharging Temperature Range	-20~55°C
Altitude	3000m(>2000m derating)
Cooling Mode	Air-cooled
Dimensions (W*D*H)	1135*1200*2300mm
Weight (approx.)	2352kg

PERFORMANCE SPECIFICATIONS

Model	Monet-(261kWh)	Monet-(418kWh)
Battery Rated Energy	261kWh	418kWh
Battery Rated Voltage	832V	1331.2V
Battery Voltage Range	728V~936V	1164.8V~1497.6V
Battery Type	LFP	LFP
Battery Cell capacity	314Ah	314Ah
Series of Battery	1P*52S*5S	1P*52S*8S
Rated Charging Rate	0.5P	0.5P
Ingress Protection	IP55, C4 corrosion protection	IP55, C4 corrosion protection
Charging Temperature Range	3~55°C	3~55°C
Discharging Temperature Range	-20~55°C	-20~55°C
Altitude	3000m(>2000m derating)	
Cooling Mode	Liquid-cooled	Liquid-cooled
Dimensions (W*D*H)	935*1350*2300mm	1600*1350*2300mm
Weight (approx.)	2350kg	3700kg



Outdoor Cabinet ESS for PV Storage & Charging

253kWh



- Product Features**
- Dual-port DC fast charging design
 - Fully integrated, saving installation space
 - Comprehensive active safety, fire and explosion protection design
 - Intelligent Energy Management System

Outdoor Cabinet ESS for PV Storage & Charging

261kWh



- Product Features**
- Real-time monitoring of equipment status
 - Local control and debugging
 - Centralised management of equipment and energy data
 - Remote monitoring and management via phone or tablet
 - Dynamically adjust device operating modes based on predefined policies and real-time load conditions.

Product Specification:



Model	Monet-125TS(DC100)(253kWh)(EV160)
PV Max.Input Voltage	250~685V
PV Input Power	100kW
MPPT Channels	2
AC Side Parameters	
AC Rated Power	125kW
AC Max. Power	137.5kW
AC Rated Current	180A
AC Rated Voltage	3W+N+PE,400Vac
AC Rated Frequency	50Hz/60Hz (±5Hz)
Battery Side Parameters	
Battery Rated Energy	253kWh
Battery Rated Voltage	806.4V
Battery Cell Capacity	314Ah
Series of Battery	1P*18S*14S
Charging Parameters	
Charger Connector	CCS2
Rated Output Voltage	150Vdc ~ 1000Vdc
Rated Output Power	160kW
Max. Output Current	250A
Authorization	NFC card swiping
General Parameters	
Ingress Protection	IP55, C4 corrosion protection
Altitude	3000m(>2000m derating)
Operating Temperature Range	-25~60°C(Derating above 45°C)
Cooling Mode	Air-cooling
Relative Humidity	0~95%(No condensation)
Communication Mode	RS485/CAN 2.0/ Ethernet
Dimension(W*D*H)	2000*1350*2300mm
Weight (approx)	3500kg

PERFORMANCE SPECIFICATIONS

Model	Monet-125TS(DC100)(261kWh)(EV160)
PV Max.Input Voltage	250~708V
PV Input Power	100kW
MPPT Channels	2
AC Side Parameters	
AC Rated Power	125kW
AC Max. Power	137.5kW
AC Rated Current	180A
AC Rated Voltage	3W+N+PE,400Vac
AC Rated Frequency	50Hz/60Hz (±5Hz)
Battery Side Parameters	
Battery Rated Energy	261kWh
Battery Rated Voltage	832V
Battery Cell Capacity	314Ah
Series of Battery	1P*52S*5S
Charging Parameters	
Charger Connector	CCS2
Rated Output Voltage	150Vdc ~ 1000Vdc
Rated Output Power	160kW
Max. Output Current	250A
Authorization	NFC card swiping
General Parameters	
Ingress Protection	IP55, C4 corrosion protection
Altitude	3000m(>2000m derating)
Operating Temperature Range	-25~60°C(Derating above 45°C)
Cooling Mode	Liquid-cooling
Relative Humidity	0~95%(No condensation)
Communication Mode	RS485/CAN 2.0/ Ethernet
Dimension(W*D*H)	1850*1350*2300mm
Weight (approx)	3502kg



Energy Storage Converter(With transformer)
100-500kW

Energy Storage Converter(Without transformer)
500kW/625kW/750kW/875kW/1000kW



- Product Features**
- High-efficiency three-level topology
 - Modular design for flexible scalability
 - Freely configurable isolation transformers
 - Indoor and outdoor cabinet types are selectable
 - Supports modular cluster-based management
 - Suitable for high surge current loads



Product Specification:

Model	Monet-100TS	Monet-150TS	Monet-250TS	Monet-375TS	Monet-500TS
DC Rated Voltage Range	580~1000V				
DC full load Voltage Range	625~950V*				
DC Max. Current	110A*2	110A*3	200A*2	200A*3	200A*4
Input Quantity	1	1	1	1	1
Adaptive Battery	lithium/lead acid/Solar panel (MPPT)				
AC Side Parameters					
AC Rated Power	100kW	150kW	250kW	375kW	500kW
AC Max. Power	110kVA	165kVA	275kVA	412kVA	550kVA
AC Rated Current	144A	216A	360A	540A	720A
AC Rated Voltage	3W+N+PE,400Vac				
AC Rated Frequency	50Hz/60Hz(±5Hz)				
THDi	<3%(rated power)				
Power Factor Range	-1(leading) ~ +1(lagging)				
THDv	<3%(Linear load)				
Unbalanced Load Capability	100%				
Overload Capacity	110%: normal operation, 120%: 1 minute				
General Parameters					
Ingress Protection	Indoor type: IP21; Outdoor type: IP55				
Isolation Mode	Isolation Transformer (Transformer inside cabinet)				
Dimensions (W*D*H)	Indoor type: 800*800*2100mm Outdoor type: 900*1000*2100mm		Indoor type:1200*1000*2100mm Outdoor type:1350*1000*2100mm		
Weight (approx)	768/874kg	906/1012kg	1325/1516kg	1763/1954kg	1991/2182kg
Relative Humidity	0~95%(No condensation)				
Operating Temperature Range	-25~60℃(derating above 45℃)				
Altitude	3000m(>3000m derating)				
Communication Interface	RS485/CAN 2.0/ Ethernet/Dry Contact				

PERFORMANCE SPECIFICATIONS

Model	Monet-500	Monet-625	Monet-750	Monet-875	Monet-1000
DC Rated Voltage Range	580~1000V				
DC full load Voltage Range	625~950V*				
DC Max. Current	200A*4	200A*5	200A*6	200A*7	200A*8
Input Quantity	4	5	6	7	8
Adaptive Battery	lithium/lead acid/Solar panel (MPPT)				
On - Grid					
AC Rated Power	500kW	625kW	750kW	875kW	1000kW
AC Max. Power	550kVA	685kVA	825kVA	962kVA	1100kVA
AC Rated Current	180A*4	180A*5	180A*6	180A*7	180A*8
AC Rated Voltage	3W+PE, 400Vac				
AC Rated Frequency	50Hz/60Hz(±5Hz)				
THDi	<3%(rated power)				
Power Factor Range	-1(leading) ~ +1(lagging)				
General parameters					
Isolation Mode	Non-Isolation				
Dimensions (W*D*H)	Indoor type: 1200*1000*2100mm; Outdoor type: 1350*1000*2100mm				
Weight (approx)	681/872kg	749/940kg	817/1008kg	1023/1227kg	1091/1295kg
Ingress Protection	Indoor type: IP21; Outdoor type: IP55				
Operating Temperature Range	-25~60°C(derating above 45°C)				
Altitude	3000m(>3000m derating)				
Communication Interface	RS485/CAN 2.0/ Ethernet/Dry Contact				

*The modules within the Monet-(100-150) models consist of 50kW modules in parallel.
The modules within the Monet-(500-1000) models consist of 125kW modules in parallel.

Photovoltaic + Storage Hybrid Inverter

100-250kW



- Product Features**
- Supporting both On/Off-grid with seamless switching
 - Maximum Power Point Tracking (MPPT)
 - Freely configurable isolation transformers
 - Indoor and outdoor cabinet types are selectable
 - Multi-path MPPT switch integration
 - Supports multiple power sources including PV, batteries, diesel generators, and mains electricity

Photovoltaic Inverter (DC/DC)

50kW-600kW



Product Specification:

Model	Monet-100TS(DC100)	Monet-125TS(DC120)	Monet-150TS(DC150)	Monet-250TS(DC250)
Vmax PV	250~(minimum battery voltage – 20V)			
PV Rated Power	100kW	120kW	150kW	250kW
PV Max.Input Current	160A*2	160A*2	160A*3	160A*5
Input Quantity	2	2	3	5
AC				
AC Rated Power	100kW	125kW	150kW	250kW
AC Max. Power	110kVA	137.5kVA	165kVA	275kVA
AC Rated Current	144A	180A	216A	360A
AC Max. Current	158A	198A	237.6A	396A
AC Rated Voltage	3W+N+PE,400Vac			
AC Rated Frequency	50/60Hz(±5Hz)			
THDi	<3%(rated power)			
Power Factor Range	-1(leading) ~ +1(lagging)			
Battery port				
DC Rated Voltage Range	585~950V			
DC full load Voltage Range	625~950V			
General parameters				
Ingress Protection	Indoor type: IP21; Outdoor type: IP55			
Isolation Mode	Isolation Transformer (Transformer inside cabinet)			
Dimensions (W*D*H)	Indoor type: 800*800*2100mm Outdoor type: 900*1000*2100mm			Indoor type:1200*1000*2100mm Outdoor type:1350*1000*2100mm
Weight (approx)	824/930kg	830/930kg	990/1096kg	1487/1678kg
Operating Temperature Range	-25~60°C(derating above 45°C)			
Altitude	3000m(>3000m derating)			
Communication Interface	RS485/CAN 2.0/ Ethernet/Dry Contact			

PERFORMANCE SPECIFICATIONS

Model	Monet-(DC250)	Monet-(DC500)	Monet-(DC600)
Vmax PV	250~(minimum battery voltage – 20V)		
PV Rated Power	250kW	500kW	600kW
PV Max.Input Current	160A*5	160A*10	160A*10
Input Quantity	5	10	10
Battery port			
DC Rated Voltage Range	585~950V		
Number of DC side inputs	1		
General Parameters			
Ingress Protection	Indoor type: IP21; Outdoor type: IP55		
Operating Temperature Range	-25~60°C(derating above 45°C)		
Altitude	3000m(>3000m derating)		
Isolation Mode	Non-Isolation		
Communication Interface	RS485/CAN 2.0/ Ethernet/Dry Contact		
Dimensions (W*D*H)	Indoor type:800*800*2100mm Outdoor type:900*1000*2100mm	Indoor type:1200*1000*2100mm Outdoor type:1350*1000*2100mm	
Weight (approx)	405/511kg	689/880kg	689/880kg

Container Electrical System (String PCS,1500V)

1250kW/2500kW



Product Features

- 1500V system with wide DC voltage range
- Integrated converter and step-up design, supporting 10–35 kV, with a choice of dry-type or oil-filled transformers.
- Intelligent Management and Dispatch
- Cluster management to minimise battery circulat current.

Container Electrical System

1000kW/1500kW/2000kW



Product Specification:



Model	Alice-20C-1250-MV-D/O	Alice-20C-2500-MV-D/O
DC Rated Voltage Range	1000~1500V	1000~1500V
DC Max. Current	206A*6	206A*6*2
Number of DC Inputs	6	6*2
AC Low-Voltage Side Parameters		
AC Rated Power	1250kW	2500kW
AC Max. Power	1375kW	2750kW
AC Rated Current	1045A/902A	2091A/1804A
AC Rated Voltage	690Vac/800Vac,(3W+PE)	690Vac/800Vac,(3W+PE)
AC Rated Frequency	50/60Hz (±5Hz)	50/60Hz (±5Hz)
AC High-Voltage Side Parameters		
Transformer Rated Power	1250kW	2500kW
Transformer Max. Power	1375kW	2750kW
Voltage	10~35kV	10~35kV
Transformer Type	Dry-type/Oil-immersed transformer	Dry-type/Oil-immersed transformer
General Parameters		
Ingress Protection	IP54, C4 corrosion protection	IP54, C4 corrosion protection
Altitude	3000m(>3000m derating)	3000m(>3000m derating)
Operating Temperature Range	-30~60°C(Derating above 45°C)	-30~60°C(Derating above 45°C)
Cooling Mode	Air-cooling	Air-cooling
Relative Humidity	0~100%(No condensation)	0~100%(No condensation)
Communication Mode	RS485/CAN 2.0/ Ethernet	RS485/CAN 2.0/ Ethernet
Dimension(W*D*H)	6058 * 2438 * 2896mm	6058 * 2438 * 2896mm
Weight (approx)	10 tons	13.8 tons

PERFORMANCE SPECIFICATIONS

Model	Alice-20C-1000TS	Alice-20C-1500TF	Alice-20C-2000TF
DC Rated Voltage Range	1000~1500V	1000~1500V	1000~1500V
DC Max. Current	206A*5	206A*7	206A*5*2
Number of DC Inputs	1	1	5*2
AC Side Parameters			
AC Rated Power	1000kW	1500kW	2000kW
AC Max. Power	1100kW	1650kW	2200kW
AC Rated Voltage	3W+N+PE, 400V,50/60Hz	3W+N+PE, 400V,50/60Hz	3W+N+PE, 400V,50/60Hz
THDi	<3%(rated power)	<3%(rated power)	<3%(rated power)
Power Factor Range	-1(leading)~ +1(lagging)	-1(leading)~ +1(lagging)	-1(leading)~ +1(lagging)
THDv	<3%(line load)	<3%(line load)	<3%(line load)
General Parameters			
On/Off-grid Switching	CanOn-1000S seamless switching	CanOn-1000S seamless switching	CanOn-1000S seamless switching
Transformer	Transformer inside	Transformer inside	Transformer inside
Ingress Protection	IP54, C4 corrosion protection		
Altitude	3000m(>3000m derating)		
Operating Temperature Range	-30~60°C(Derating above 45°C)		
Cooling Mode	Air-cooling		
Relative Humidity	0~100%(No condensation)		
Communication Mode	RS485/CAN 2.0/ Ethernet	RS485/CAN 2.0/ Ethernet	RS485/CAN 2.0/ Ethernet
Dimension(W*D*H)	6058 * 2438 * 2896mm	6058 * 2438 * 2896mm	6058 * 2438 * 2896mm
Weight (approx)	11.5 tons	13tons	16tons

Container Battery System (Liquid-cooled)

5MWh



- Product Features**
- Support for cluster-based management
 - Intelligent liquid cooling temperature control design
 - Highly integrated all-in-one design
 - Intelligent liquid cooling temperature control design
 - Automatic security system, including Heptafluoropropane Fire Suppression System
 - Standard 20-foot foundation design and construction for greater uniformity

Container Battery Energy System

2.6MWh



Product Specification:



Model	Alice-20C-5MWh-L
Battery Rated Energy	418kWh*12
Battery Rated Voltage	1331.1V
Battery Voltage Range	1164.8~1497.6V
Number of Battery Strings	12P*52S*8S
Battery Type	LFP
Cell Capacity	314Ah
General Parameters	
Ingress Protection	IP54, C4 corrosion protection
Altitude	3000m(>3000m derating)
Operating Temperature Range	-30~60°C(Derating above 45°C)
Cooling Mode	Liquid-cooling
Relative Humidity	0~100%(No condensation)
Communication Mode	RS485/CAN 2.0/ Ethernet
Dimension(W*D*H)	6058 * 2438 * 2896mm
Weight (approx)	42 tons

PERFORMANCE SPECIFICATIONS

Model	Alice-20C-2.6MWh-L
Battery Rated Energy	261kWh*10
Battery Rated Voltage	832V
Battery Voltage Range	728~936V
Number of Battery Strings	10P*52S*5S
Battery Type	LFP
Cell Capacity	314Ah
General Parameters	
Ingress Protection	IP54, C4 corrosion protection
Altitude	3000m(>3000m derating)
Operating Temperature Range	-30~60°C(Derating above 45°C)
Cooling Mode	Liquid-cooling
Relative Humidity	0~100%(No condensation)
Communication Mode	RS485/CAN 2.0/ Ethernet
Dimension(W*D*H)	6058 * 2438 * 2896mm
Weight (approx)	29 tons

Container Energy Storage System (Air-cooled)

1MWh/2MWh



Product Features

- Cluster-level/group-level independent control, reducing inter-cluster loop current
- Modular PCS, flexible scalability
- Highly integrated all-in-one design
- EMS/cloud platform intelligent monitoring
- Standard foundation design and construction for greater uniformity

Container Energy Storage System (Liquid-cooled)

1MWh/2MWh



Product Specification:

Model	Alice-20C-500TS(DC500)(1MWh)-A	Alice-20C-1000(2MWh)-A
PV Rated Power	500kW*	/
Vmax PV	685V	/
On/Off-grid Switching	STS seamless switching (optional)	/
MPPT Quantity	10	/
	Battery(DC)	
Battery Rated Energy	253kWh*4	253kWh*8
Battery Rated Voltage	806.4V	806.4V
Cell Rated Voltage/Capacity	3.2V/314Ah	3.2V/314Ah
Battery Type	LFP battery	
Series of battery	4P*18S*14S	8P*18S*14S
	AC	
AC Rated Power	500kW	1000kW
AC Rated Current	720A	1440A
AC Rated Voltage	3W+N+PE, 400V, 50/60Hz	3W+N+PE, 400V, 50/60Hz
THDi	<3%(rated power)	
Power Factor Range	-1(leading)~ +1(lagging)	
	General Parameters	
Ingress Protection	IP54, C4 corrosion protection	
Battery Silo Cooling Method	Air-cooling	
Isolation Transformer	Equipped (optional)	
Altitude	3000m(>2000m derating)	
Communication Interface	RS485/CAN 2.0/ Ethernet/dry contact	
Dimension(W*D*H)	6058*2438*2896mm	
Weight (approx)	16.5 tons	23 tons

PERFORMANCE SPECIFICATIONS

Model	Alice-20C-500TS(DC500)(1MWh)-L	Alice-20C-1000(2MWh)-L
PV Rated Power	500kW*	/
Vmax PV	708V	/
On/Off-grid Switching	STS seamless switching (optional)	/
MPPT Quantity	10	/
	Battery(DC)	
Battery Rated Energy	261kWh*4	261kWh*8
Battery Rated Voltage	832V	832V
Cell Rated Voltage/Capacity	3.2V/314Ah	3.2V/314Ah
Battery Type	LFP battery	
Series of battery	4P*52S*5S	8P*52S*5S
	AC	
AC Rated Power	500kW	1000kW
AC Rated Current	720A	1440A
AC Rated Voltage	3W+N+PE, 400V, 50/60Hz	3W+N+PE, 400V, 50/60Hz
THDi	<3%(rated power)	
Power Factor Range	-1(leading)~ +1(lagging)	
	General Parameters	
Ingress Protection	IP54, C4 corrosion protection	
Battery Silo Cooling Method	Liquid-cooling	
Isolation Transformer	Equipped (optional)	
Altitude	3000m(>2000m derating)	
Communication Interface	RS485/CAN 2.0/ Ethernet/dry contact	
Dimension(W*D*H)	6058*2438*2896mm	
Weight(approx)	16 tons	21.6 tons

On & Off-Grid Switching Cabinet

500kW/1000kW/2000kW



Product Features

- Millisecond-level switching capability
- Capable of rapidly disconnecting from the grid system
- Automatic switching between grid and generator
- Indoor and outdoor cabinet types are selectable
- Supports multi-source input including photovoltaic, diesel generator, load, and grid.

Transformer Cabinet

500kVA/1000kVA/2000kVA



Product Features

- Electrical isolation protection to safeguard the converter and associated equipment.
- Specifically designed to be used in conjunction with converter cabinets, ensuring voltage matching and electrical isolation.
- Available in both indoor and outdoor models to suit a wide range of applications.

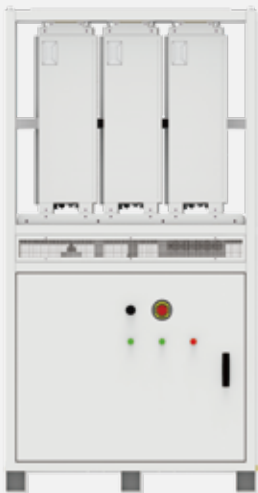
Product Specification:

Model	CanOn-500S	CanOn-1000S	CanOn-2000F
Rated Power	500kW	1MW	2MW
Max. Power	550kW	1.1MW	2.2MW
Rated Current	722A	1443A	2887A
Max. Current	792A	1584A	3175A
PV Rated Power (Single/Dual)	500kW/1MW	1MW/2MW	2MW/4MW
PCS Rated Power	500kW	1MW	2MW
Load Rated Power	500kW	1MW	2MW
Switching Time	≤10ms	≤10ms	≤20ms
Ingress Protection	Indoor type: IP21; Outdoor type: IP55		
Relative Humidity	0~95%(No condensation)		
Operating Temperature Range	-25~60°C(derating above 45°C)		
Altitude	3000m(>2000m derating)		
Communication Interface	RS485 / CAN / Ethernet		
Dimensions (W*D*H)	Indoor type: 1200*1000*2100mm; Outdoor type: 1350*1000*2100mm		Indoor type: 1200*1000*2300mm; Outdoor type: 1350*1000*2300mm
Weight (approx.)	750/800kg		900/950kg

Model	TR-500	TR-1000	TR-2000
Rated Power	500kW	1000kW	2000kW
Rated Input Voltage	400V	400V	400V
Rated Input Current	721A	1443A	2886A
Rated Output Voltage	400V	400V	400V
Rated Output Current	721A	1443A	2886A
Rated Frequency	50/60Hz	50/60Hz	50/60Hz
Group	Dyn11	Dyn11	Dyn11
Insulation Class	H	H	H
Operating Temperature	-10°C ~+50°C	-10°C ~+50°C	-10°C ~+50°C
Storage Temperature	-25°C ~+60°C	-25°C ~+60°C	-25°C ~+60°C
No-load Loss	≤2100W	≤4250W	≤33500W (145°C)
Load Loss	≤6900W (145°C)	≤14000W (145°C)	
Efficiency	>98.2% (145°C)	>98.2% (145°C)	>98% (145°C)
Relative Humidity	0~95%(No condensation)		
Altitude	3000m(>2000m derating)		
Ingress Protection	Indoor type: IP21; Outdoor type: IP55		
Dimensions (W*D*H)	Indoor type: 1200*1000*2100mm; Outdoor type: 1350*1150*2100mm		Indoor type: 1600*1000*2300mm; Outdoor type: 1800*1000*2300mm
Weight (approx.)	1650/1850kg	2450/2650kg	4450/4650kg

Outdoor Electrical Cabinet

1000kW/1250kW



Product Features

- 1500 V DC system with a wide DC voltage range.
- Accommodates 1 to 6 Monet-215AC modules.
- Multi-branch DC-side connection supporting cluster management.
- Robust rack-mounted design ensuring secure module installation.
- The rack-mounted PCS can be directly connected to a 20-foot battery container.

Outdoor Electrical Cabinet

1000kW/1500kW/2000kW/2500kW



Product Features

- 1500 V DC system with a wide DC voltage range.
- Accommodates 7 to 12 Monet-215AC modules.
- Multi-branch DC-side connection supporting cluster management.
- Robust rack-mounted design ensuring secure module installation.
- The rack-mounted PCS can be directly connected to a 20-foot battery container.

Product Specification:



Model	Monet-1000-H6/H8	Monet-1250-H6/H8
DC Rated Voltage Range	1000 ~ 1500V	1000 ~ 1500V
DC full load Voltage Range	1150 ~ 1500V	1150 ~ 1500V
DC Max. Current	5	6
AC Low-Voltage Side Parameters		
AC Rated Power	1000kW	1250kW
AC Max. Power	1100kW	1375kW
AC Rated Current	836A/721A	1045A/902A
AC Rated Voltage	690Vac/800Vac,(3W+PE)	690Vac/800Vac,(3W+PE)
AC Rated Frequency	50/60Hz (±5Hz)	50/60Hz (±5Hz)
THDi	<3%(rated power)	<3%(rated power)
Power Factor Range	-1(leading)~ +1(lagging)	-1(leading)~ +1(lagging)
General Parameters		
Ingress Protection	IP55, C4 corrosion protection	IP55, C4 corrosion protection
Altitude	3000m(>3000m derating)	3000m(>3000m derating)
Operating Temperature Range	-30~60°C(Derating above 45°C)	-30~60°C(Derating above 45°C)
Cooling Mode	Air-cooling	Air-cooling
Relative Humidity	0~100%(No condensation)	0~100%(No condensation)
Communication Mode	RS485/CAN 2.0/ Ethernet	RS485/CAN 2.0/ Ethernet
Dimension(W*D*H)	1800*1200*2300mm	1800*1200*2300mm
Weight (approx)	1420kg	1500kg

PERFORMANCE SPECIFICATIONS

Model	Monet-1000-H4	Monet-1500-H4	Monet-2000-H6/H8	Monet-2500-H6/H8
DC Rated Voltage Range	680 ~ 1500V	680 ~ 1500V	1000 ~ 1500V	1000 ~ 1500V
DC full load Voltage Range	680 ~ 1500V	680 ~ 1500V	1150 ~ 1500V	1150 ~ 1500V
DC Max. Current	4*2	6*2	5*2	6*2
AC Low-Voltage Side Parameters				
AC Rated Power	1000kW	1500kW	2000kW	2500kW
AC Max. Power	1100kW	1650kW	2200kW	2750kW
AC Rated Current	1443.2A	2164.8A	1673A/1441A	2091A/1804A
AC Rated Voltage	400Vac,(3W+PE/3W+N+PE)	400Vac,(3W+PE/3W+N+PE)	690Vac/800Vac,(3W+PE)	690Vac/800Vac,(3W+PE)
AC Rated Frequency	50/60Hz (±5Hz)	50/60Hz (±5Hz)	50/60Hz (±5Hz)	50/60Hz (±5Hz)
THDi	<3%(rated power)	<3%(rated power)	<3%(rated power)	<3%(rated power)
Power Factor Range	-1(leading)~ +1(lagging)	-1(leading)~ +1(lagging)	-1(leading)~ +1(lagging)	-1(leading)~ +1(lagging)
General Parameters				
Ingress Protection	IP55, C4 corrosion protection			
Altitude	3000m(>3000m derating)			
Operating Temperature Range	-30~60°C(Derating above 45°C)			
Cooling Mode	Air-cooling			
Relative Humidity	0~100%(No condensation)			
Communication Mode	RS485/CAN 2.0/ Ethernet			
Dimension(W*D*H)	2000*1800*2300mm	2000*1800*2300mm	2000*1800*2300mm	2000*1800*2300mm
Weight (approx)	2250kg	2500kg	2420kg	2500kg

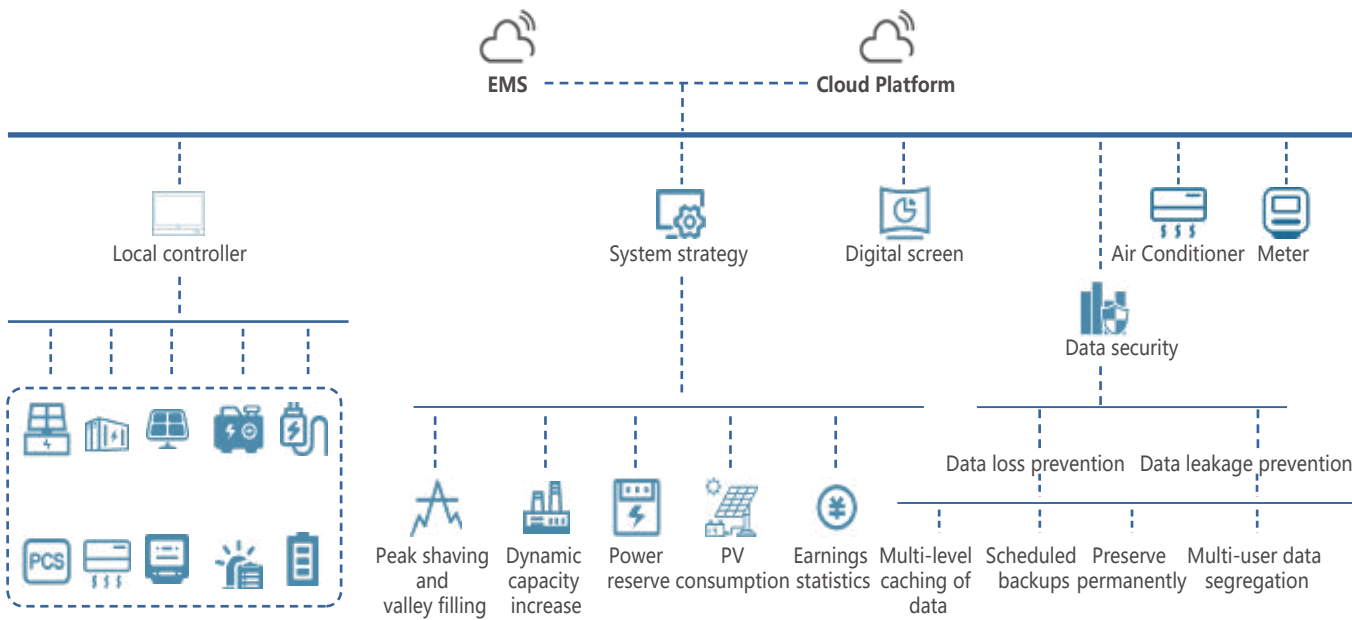
Monitoring System(Software)

Lotus/Cloud/EMS



Monitoring System(Software)

Lotus/Cloud/EMS



PERFORMANCE SPECIFICATIONS

Model	Elecod-Lotus	Elecod-Cloud	Elecod-EMS
Accessible equipment	Battery、 Air conditioner、 PV inverter, etc.	Converters, transformers, air conditioners, etc.	PV equipment, ESS, monitoring equipment, etc.
Other accesses can be customised	PV、 Energy storage systems、 Meters , etc.	System cabinets, DG, charging posts, meters, etc.	Supports customized such as Modbus, CAN, MQTT, etc.
Acquisition Environment			
Acquisition Interval	1 second	5 minutes	1 second ~ 60 minutes, configurable
Acquisition method	RS485, CAN, Ethernet	2G, 3G, 4G, WIFI	RS485, CAN, Ethernet
Client Environment			
Minimum Browser Version	/	Not supported on IE8 and below	Not supported on IE8 and below
Recommended Browsers	/	Chrome(V23 – V113)、 Edge(V12 – V110)、 Firefox(V21 – V112)	/
Multilingualism	Support Chinese and English (others can be customized)	Support Chinese and English (others can be customized)	Support Chinese and English (others can be customized)
Display	LCD	Large screen, computer, tablet	Large screen, computer, tablet
Display Function			
Data monitoring	Real-time power curve	Energy storage data display, historical curve	Energy storage data display, historical curve
Alarm centre	Real-time alarm, historical alarm	Real-time alarms, alarm statistics	Real-time alarms, historical alarms
Operational evaluation	/	Revenue measurement, charging and discharging capacity, energy efficiency level, operation status	/
Remote control of equipment	Remotely start/stop, configure parameters, and update firmware	Equipment upgrade, parameter downgrade	Remotely start/stop, configure parameters, and update firmware
Rights management	Grant separate authorization for device access, data viewing, and control operations	Supports user accounts with different permissions (e.g., System Admin, L2, L3)	Role-based access control (e.g., Administrator, Operator, End User)
Number of devices managed	/	100 equipment	/

Product Features:

Real-time monitoring: collects and displays equipment operation status, key data and alarm information, ensuring that users can grasp the equipment status at any time.

Alarm maintenance: local sound and light alarm prompts, support failure prediction, alarm push and maintenance management, improve system operation efficiency and reliability.

Remote management: support the switching operation, mode switching and parameter setting of the equipment, realize remote control and parameter configuration of the equipment through the network to improve management efficiency.

Energy efficiency optimization: trend analysis and energy efficiency assessment based on cloud data, dynamically adjusting the equipment operation mode according to the set strategy and real-time load conditions to achieve energy optimization.



CERTIFICATES & AWARDS

(1) ISO 9001/14001/45001



(2) TUV & CE SERIES



European Listing

Product Model: Monet-50AC、Monet-62.5AC、Monet-100AC、Monet-100AC (IP65)、Monet-125AC、Monet-125AC(IP65)、Monet-130AC、Monet-130AC(IP65)、Monet-215AC.

Countries include Belgium, Sweden, Poland, Germany, Slovenia, the United Kingdom, Hungary, Denmark Ireland and Romania.

(3) EUROPEAN UNION INTELLECTUAL PROPERTY



(4) AWARDS

- Energy Storage 3S Excellence Award of 2025
- Award for Best Energy Storage PCS Supplier of 2025
- Top Four Manufacturers in PCS Shipments of 2025
- Most Influential Chinese PCS Supplier of 2025

(5) INDUSTRY RANKINGS

- 2025 C&I PCS Shipments (100-125kW) Top 3
- 2024 C&I PCS Shipments (100-125kW) Top 4

Source:GGII

OUR FOOTPRINTS



ELECOD remains committed to forging enduring energy solutions, asserting a robust foothold in the realm of energy storage. Our array of energy storage offerings tackles intricacies related to energy provisioning and governance, facilitating the broader integration of sustainable energy sources. We achieve this through the incorporation of cutting-edge methodologies and resilient design paradigms.

ELECOD's energy storage solutions have gained prominence across Europe, Asia, and Africa, assuming a pivotal function in fostering the proliferation of renewable energy sources and facilitating the energy shift. Our unwavering dedication to sustainable progress, diminishing dependence on conventional fuels, and propelling technological breakthroughs in energy storage remains resolute. Our unwavering focus on research and development empowers us to deliver effective, dependable, and ecologically sound energy storage resolutions, thereby catalyzing the widespread embrace of eco-friendly energy sources for a viable future.





▼ Battery Energy Storage Solar Project for Manufacturer



- Location: [Sweden](#)
- Energy Storage Capacity: [100kW/215kWh](#)
- Scene: Photovoltaic AC coupling, Peak shaving.

▼ 18 units of 125kW PCS for solar power self-consumption



- Location: [Estonia](#)
- Energy Storage Capacity: [2250kW PCS](#)
- Scene: Self-consumption of solar power, 100% solar power consumption.

▼ Solar+ESS+Grid Power Solution for an Industrial Park



- Location: [Poland](#)
- Energy Storage Capacity: [125kW/261kWh](#)
- Scene: On-grid and off-grid backup power, Photovoltaic integration

▼ Photovoltaic-Storage-Charging Combined Power



- Location: [Lithuania](#)
- Energy Storage Capacity: [50kW/100kWh](#)
- Scene: photovoltaic-storage-charging, EMS Unified Dispatch.

▼ Solar-storage integration project



- Location: [Thailand](#)
- Energy Storage Capacity: [250kW PCS + PV100kW](#)
- Scene: Combined solar and storage power supply.

▼ Philippine Islands Off-Grid Project



- Location: [Philippine](#)
- Energy Storage Capacity: [100 kW/215 kWh](#)
- Scene: Utilizes 100kW photovoltaic modules, 215kWh outdoor integrated energy storage battery cabinets, and a diesel engine as a backup power source.





▼ PV, Diesel Energy Storage System



- Location: **Johannesburg, South Africa**
- Energy Storage Capacity: **100 kW/215 kWh.**
- Scene: Joint power supply from photovoltaic energy storage and diesel backup power supply.

▼ Containerized Solar-Storage System in Nigeria



Location: **Nigeria**

Energy Storage Capacity: **500kW/860kWh + PV300kW**

Scene: Photovoltaic panels, energy storage and a diesel generator supply power to the load.

▼ Middle East 2MW-4.6MWh Container Project



Location: **Middle East**

Energy Storage Capacity: **2MWPCS**

Scene: Photovoltaic AC coupling, Peak shaving.

The Professional PCS and C&I ESS Solutions Supplier



Corporate Mission
Improve the Earth's Ecological Environment and Enhance Human Living Quality

Pre-sales / In-sales / After-sales Support

Elecod is committed to providing comprehensive support for commercial and industrial energy storage customers, from solution design to complete system solutions. It not only offers professional technical guidance and thorough product training, but also delivers one-stop, high-quality service experiences throughout the pre-sales, in-sales, and after-sales stages, ensuring that customers receive timely and reliable responses and support at every phase.

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