



Driving the Global Energy Transformation

Make Every kWh Trusted



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Shenzhen Gooree Energy Storage Technology Co.,Ltd.

ABOUT GOOREE

Founded in 2021, Gooree is dedicated to delivering professional Battery Energy Storage System (BESS) solutions to customers worldwide.

The company focuses on energy storage system integration, control system development, and energy management software platforms, building a comprehensive product ecosystem that integrates storage hardware, intelligent control systems, and advanced software solutions.

Our core business includes BESS integration, Energy Management System (EMS) development, energy storage software platforms, and customized energy storage solutions. These solutions support a wide range of applications including commercial & industrial energy storage, grid services, and multi-scenario energy management.

Through the seamless integration of hardware systems and intelligent software platforms, Gooree enables smart control, efficient operation, and optimized performance of energy storage systems.

Key Advantages

- 

European Local Company Operations
- 

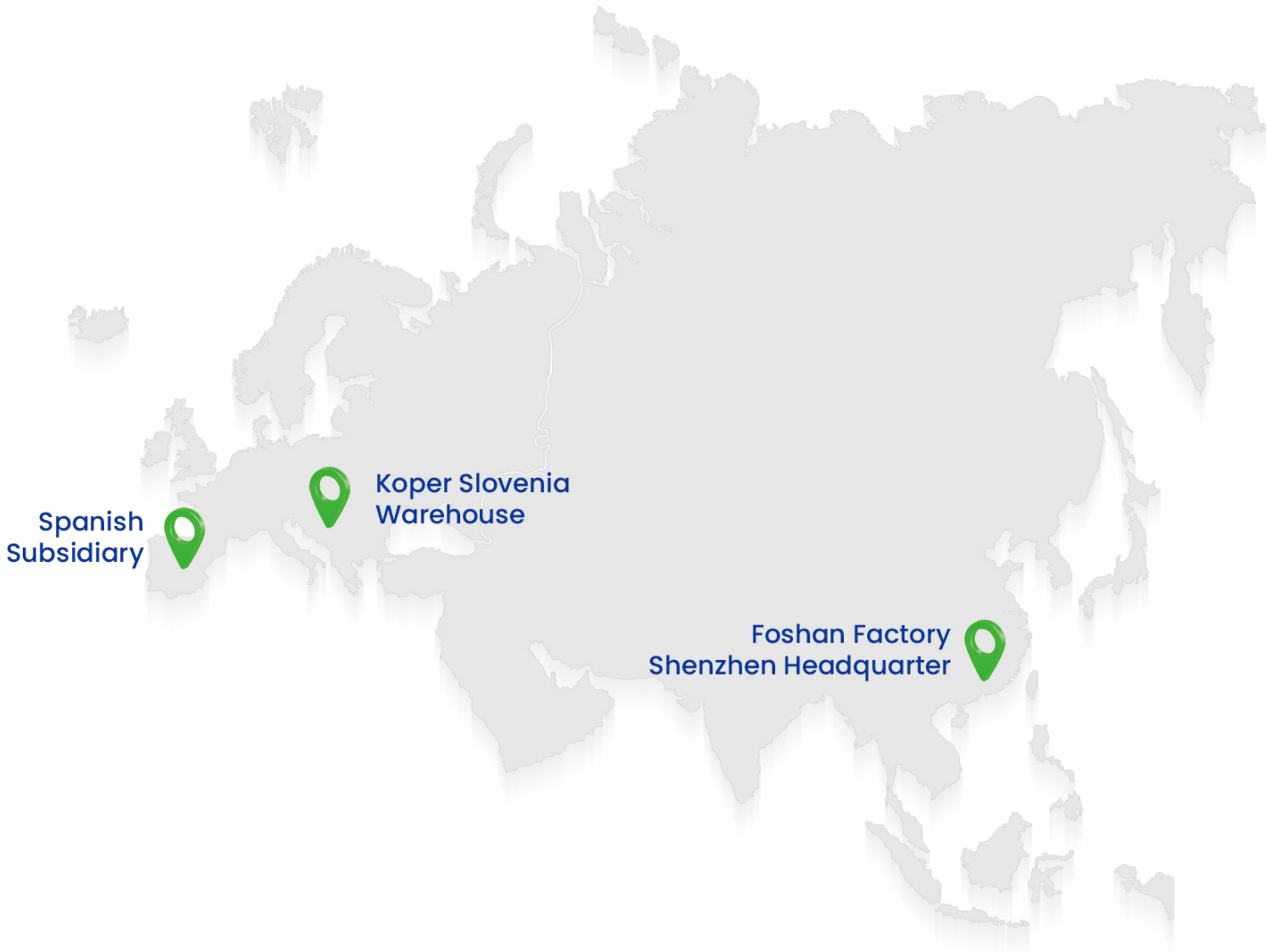
European Warehouse for Reliable Supply
- 

Local Technical & Project Support
- 

Fast Logistics and After-Sales Service

Our Vision

Driving the Global Energy Transformation



Local Support in Europe

To better serve the European market, Gooree has established a comprehensive localized operation and service network.

Through our European subsidiary and regional warehouse, we provide customers with reliable product supply, fast delivery, and professional technical support.

MILESTONE

Company Founded

2021

2022

Product Launch
Integrated Hardware &
Software Roadmap

First 80 MWh Project
Delivered

2023

2024

UL & CE Certification Achieved
First Overseas Project Deployed

Spain Subsidiary Established
European Local Service Network
Launched

2025

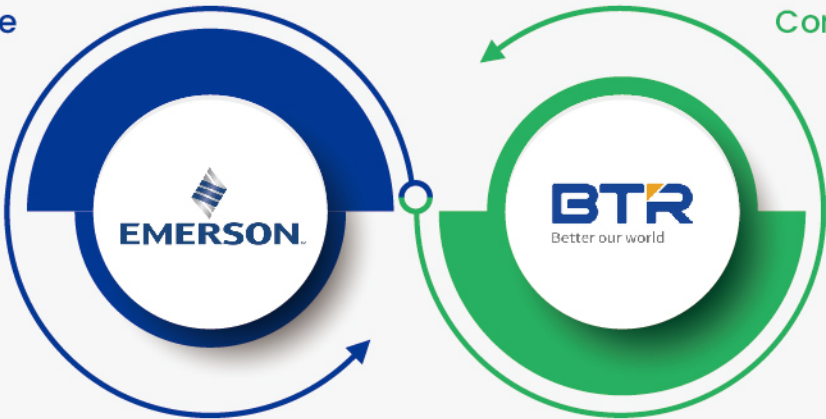
Make Every kWh Trusted

COMPANY STRENGTH

Team Expertise

We have assembled a world-class team of experts in power electronics, electrochemistry, computer science, and mechanical automation. Our industry-leading team structure includes a rare combination of specialists, with 5% of our personnel being high-end technical talents, including scientists from the 973 Program and Class A experts of the National Major Talent Project.

Team Expertise



Power Electronics & Software Capability

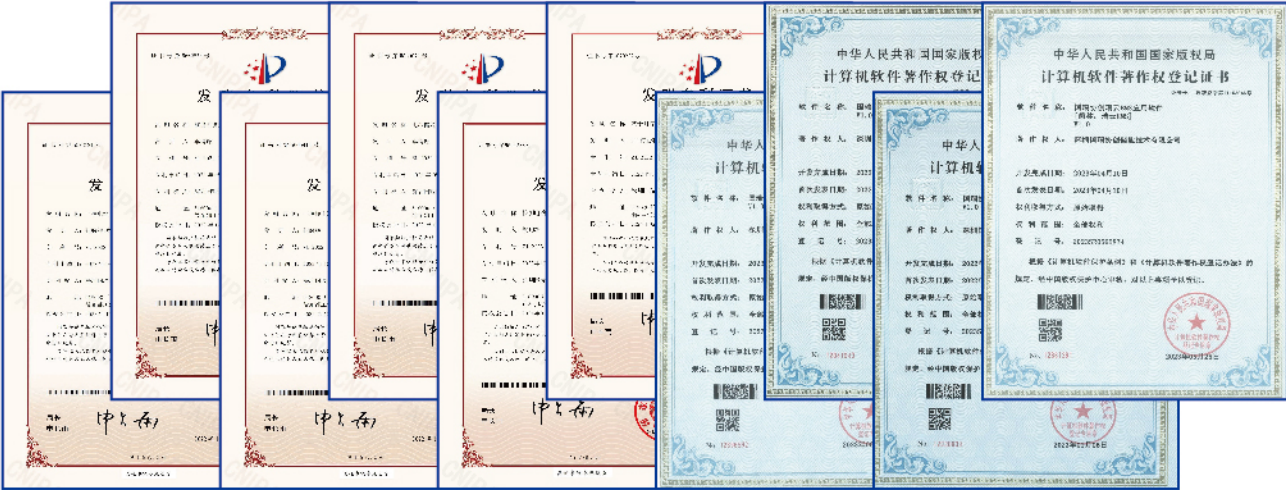
Core Shareholder

Advantage in Electrochemistry

R&D Capability

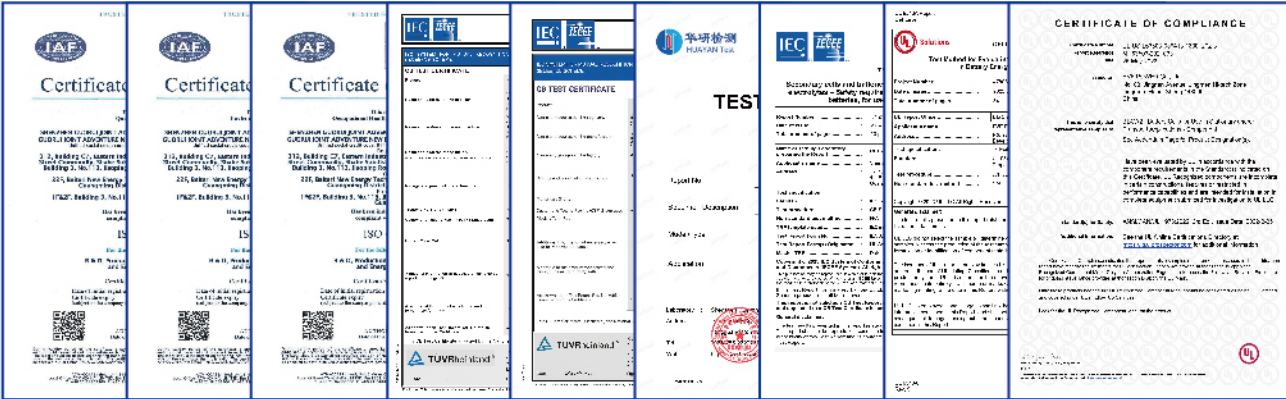
Equipped with a full suite of experimental and testing equipment, our R&D center is capable of conducting extensive research and testing for energy storage devices, battery cells, material inspection, and complete battery systems. In collaboration with BTR, we have set up a joint laboratory focused on the development of innovative energy storage solutions and core system components.

 1 R&D Platform	 3+ Collaborative R&D lab	 50+ R&D Engineers	 20% Of Revenue for R&D
 40+ Invention Patents	 1 Industrial Standard	 15+ years Team Experience	 8+ GWh Capacity



Intellectual Property

Honor & Certification



Certification



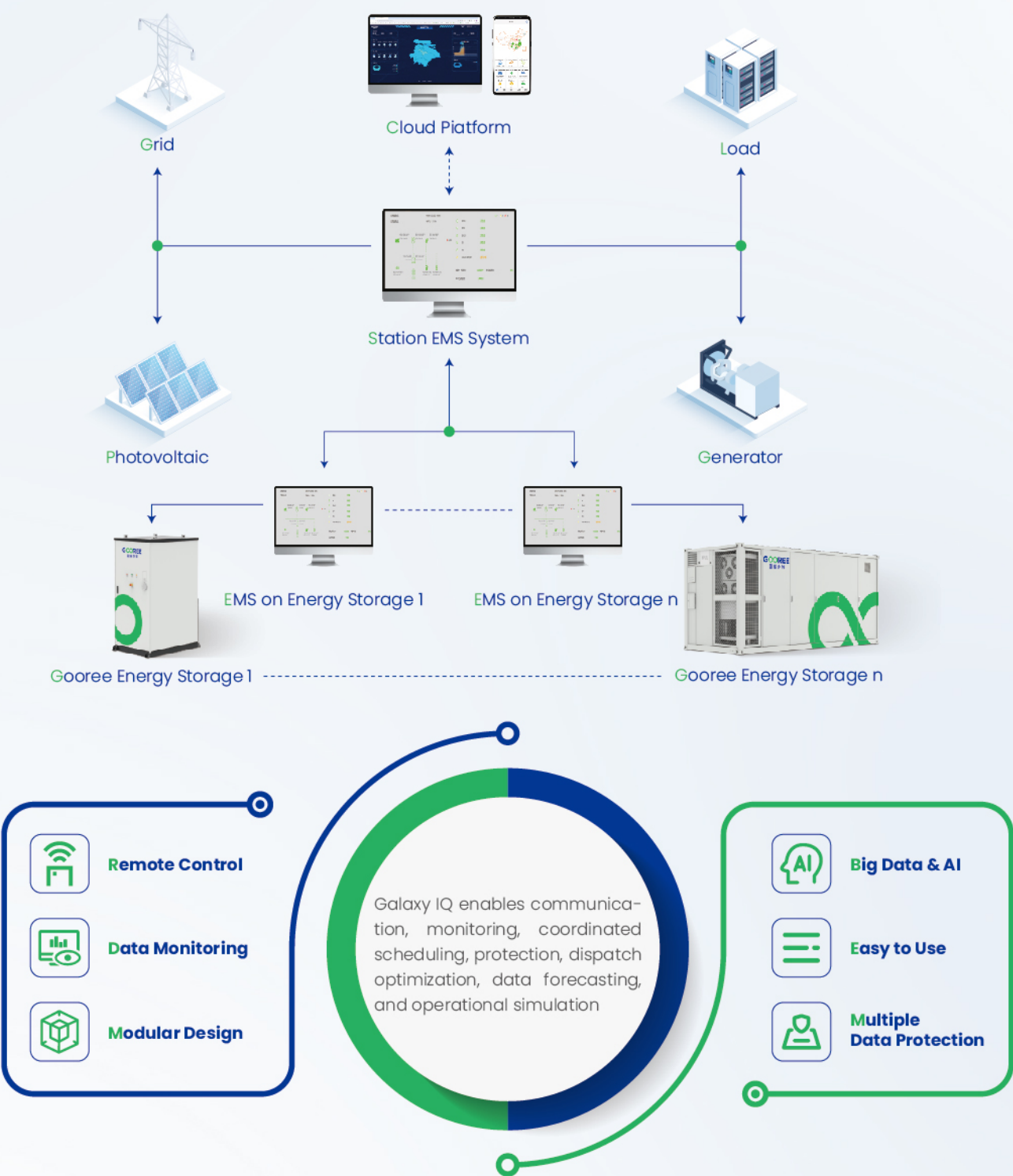
Enterprise Honor

TURNKEY SOLUTION



Focused on delivering comprehensive turnkey solutions, Gooree empowers industries worldwide in their energy transition through innovative technologies and efficient services, driving the global transformation toward sustainable energy.

GALAXYIQ: Energy Management System



Customization

We provide comprehensive customized services based on the client's usage scenarios and requirements.



Energy Conservation

Optimize energy consumption through energy demand forecasting and tailored solutions.



Energy Management

Collect, store, measure, and analyze energy data with data visualization, enabling timely energy management and fault early warning.



Multi-Scenario Dispatching

Utilize the cloud platform's intelligent dispatching technology to optimize energy usage across various scenarios, maximizing energy efficiency.



Big Data & AI in ReeYun EMS



GALAXYFLEX PPC

Power Plant Controller



Features

- Fast Track to Grid
- Engineered for Grid Stability
- Smart Heart of Hybrid Plants
- Certified & Penalty-Free Connection

Features

- FFR: Fast Frequency Reserve
- FCR-D: Frequency Containment Reserve Disturbance
- FCR-N: Frequency Containment Reserve Normal
- EA: Energy Arbitrage
- PS: Peak Shaving
- SC: Self Consumption
- LF: Local Flex
- POI-based closed-loop active power, reactive power and voltage control
- Ramp rate control, power curtailment and dispatch tracking (AGC / ADS)
- Multi-PCS coordination with SoC-constrained power allocation
- Designed for weak grid and high renewable penetration scenarios
- Vendor-independent architecture supporting multi-brand field devices
- Native integration with GOOREE EMS and BMS platforms
- Lithium battery backup , supports photovoltaic charging , does not need to be replaced for 15 years

Specification Parameters

Category	Specification
Application	Utility-scale BESS and PV + Storage hybrid plants
Control Scope	Active power (P), reactive power (Q), voltage (V), frequency (f) at POI
Active Power Control	Setpoint control, power limiting, ramp rate control, AGC tracking
Frequency Support	P-f droop control, over/under frequency response
Reactive Power Control	Q control , Q (P), cos ϕ , cos ϕ (P), Volt-Var , Night VAR
Voltage Regulation	Closed-loop AVR at POI , LDC supported
Control Cycle Time	≤50ms (typical)
Command Response Time	≤100ms
Power Control Accuracy	±0 .5%
Voltage Measurement Accuracy	±0 .2%
System Capability	Multi-PCS coordination, multi-feeder plant support
BESS Coordination	SoC-constrained power control, fast charge / discharge response
Southbound Protocols	Modbus TCP / RTU, IEC 61850 (optional)
Northbound Protocols	IEC 60870-5-104, DNP3, Modbus TCP, OPC UA (optional)
Hardware Interfaces	Ethernet, digital I/O, external meter interface
Time Synchronization	NTP (IRIG-B optional)
Redundancy	Active / Standby controller, redundant power supply
Fail-safe Modes	Degraded operation and safe power limiting
Operating Temperature	-20°C to +50°C
Protection Class	IP54 / IP55
Installation	Cabinet-mounted / wall-mounted / rack-mounted
Operating Altitude	Up to 3000m (extendable)

GR261L



Features

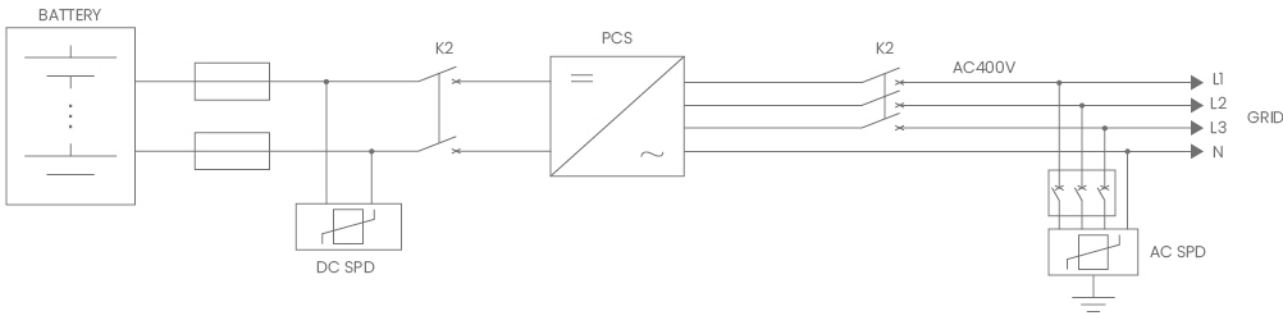
- Ultimate Reliable**

 - Optional semi-solid batteries, 80% lower thermal risk
 - Compliant with international standard certification
 - High protection up to IP55 and C4 H anti-corrosion level
 - Multi-level fire protection and battery protection
- Maximum Efficiency**

 - Smart liquid cooling system for efficient dissipation
 - Automatic optimal EMS strategy control for best efficiency
 - Self-developed BMS and EMS, project-level customization
 - Integrate artificial intelligence algorithms
- Infinite Flexibility**

 - All-in-one design, plug-and-play, 50% faster deployment
 - Scalable parallel support for multiple systems
 - Cloud O&M, fast fault analysis and handling
 - Application Scenario: on-grid, and other modes

Electrical Diagram



Specification Parameters

Model	GR261L
DC Side	
Cell Type	LFP / 314Ah (Optional Semi-Solid)
Battery Capacity (BOL)	261.24 kWh
System Configuration	(52SIP) 5S * 1
Rated DC Voltage	832 V
DC Voltage Range	702 ~ 949V
Charge/Discharge Rate	≤0.5P
Cooling Method	Liquid cooling
AC Side	
Rated AC Power	130 kW / 125 kW / 124.9 kW / 100kW / 99.9 kW (Optional)
Rated AC Voltage	400V
Rated Frequency	50/60 Hz
AC Connection	3P+N+PE
System Parameter	
Demension(W*H*D)	1100*2519*1500 mm
Weight	≤2500 kg
Cycle Performance	≥6000 cycles; @25±2°C, 0.5P, SOH ≥80%
System Efficiency	≥89% (Including subsidiary Power Consumption)
Fire Suppression System	Aerosol / NOVEC1230 / FM200 (Support PACK level) + Flammable Gas Detection + Exhaust +Water Sprinkler System
Operating Ambient Temperature Range	-30~55°C (-30~-20°C with Heater)
Max Operating Altitude	4,000m (de-rate between 2000-4000m.)
Max IP Rating	IP55
Communication Protocol	Modbus / IEC60870-5-104 / 4G (MQTT)
Remote Monitoring	Cloud EMS, Mobile APP
Certifications	IEC62619, IEC62477, IEC61000, EN50549, UN38.3
Application Scenarios	Industrial and commercial energy storage, back-up power supply, store and trade energy, manage energy sources and tariffs, increase self-sufficiency

GR261LH



Features

Ultimate Reliable

- Optional semi-solid batteries, 80% lower thermal risk
- Compliant with international standard certification
- High protection up to IP55 and C4 H anti-corrosion level
- Multi-level fire protection and battery protection

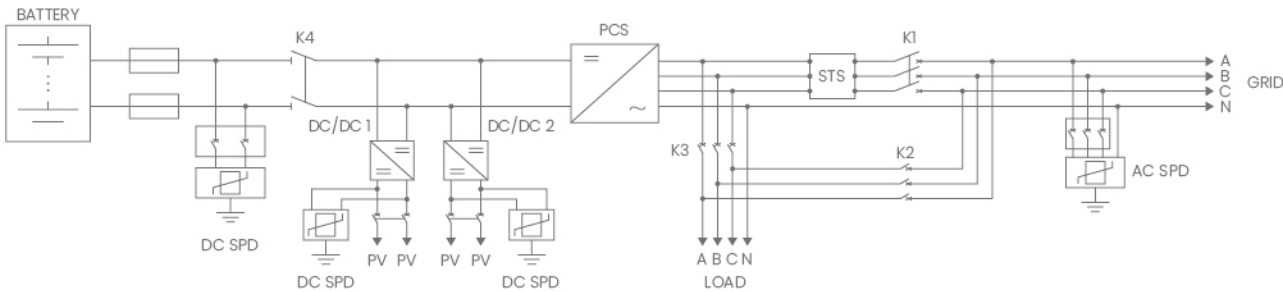
Maximum Efficiency

- Smart liquid Cooling System for efficient dissipation
- Automatic optimal EMS strategy control for best efficiency
- Self-developed BMS and EMS, project-level customization
- Integrate artificial intelligence algorithms

Infinite Flexibility

- All-in-one design, integrated battery, PCS, MPPT and STS
- Scalable parallel support for multiple systems
- Cloud O&M, fast fault analysis and handling
- Multi-Scene Use: Support PV access and on/off grid switch $\leq 20\text{ms}$

Electrical Diagram



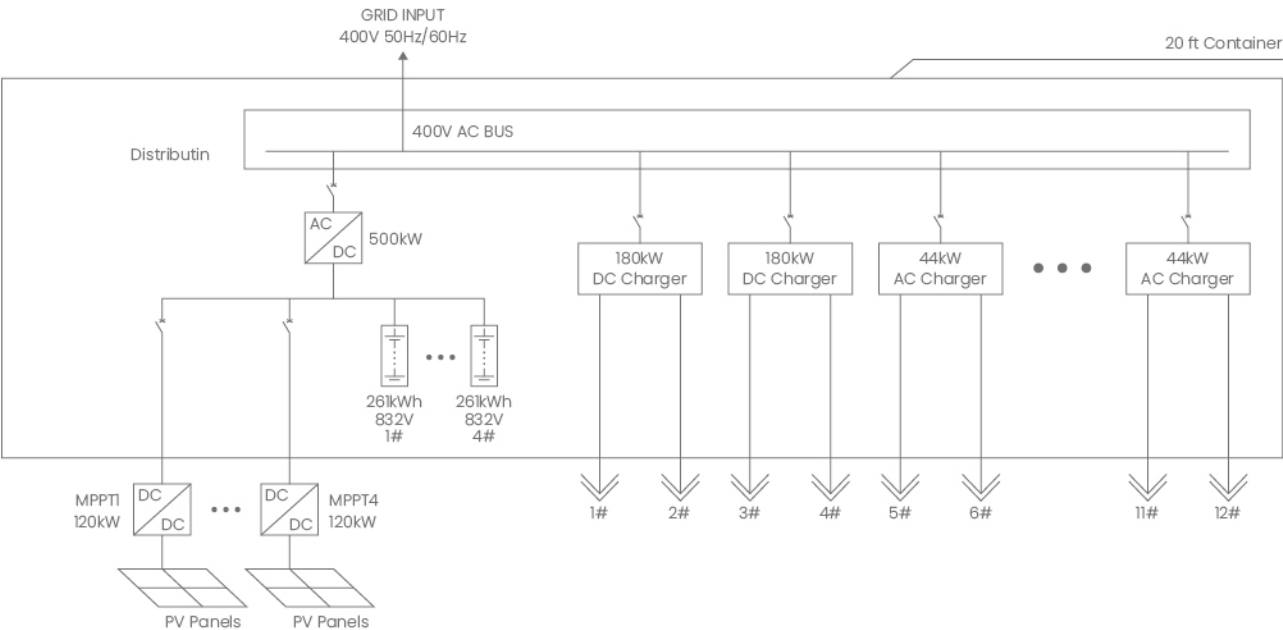
Specification Parameters

Model	GR261LH
DC Side	
Cell Type	LFP / 314Ah
Battery Capacity (BOL)	261.24 kWh / 249 kWh (Option)
System Configuration	(52S1P) 5S * 1
Rated DC Voltage	832V
DC Voltage Range	702-949V
Charge/Discharge Rate	$\leq 0.5\text{P}$
Cooling Method	Liquid cooling
PV Side	
Rated MPPT Power	60kW
Number of MPPT Inputs	4
PV Open-Circuit Voltage	200-900V
MPPT Voltage Range	200-850V
Rated Voltage	600V
PV Start-up Voltage	250V
Max PV Current	100A+100A+100A+100A
AC Side	
Rated AC Power	130 kW / 125 kW / 124.9 kW / 100kW / 99.9 kW (Optional)
Rated AC Voltage	400V
Rated Frequency	50 / 60Hz
AC Connection	3W+PE / 3W+N+PE
Rated STS Capacity	300kVA
System Parameter	
Demension(W*H*D)	1650*2350*1500 mm
Weight	$\leq 3000\text{kg}$
Cycle Performance	≥ 6000 cycles; @25 $\pm$ 2 $^{\circ}\text{C}$, 0.5P, SOH $\geq 80\%$
System Efficiency	$\geq 89\%$ (Including subsidiary Power Consumption)
Fire Suppression System	Aerosol / NOVEC1230 / FM200 (Support PACK level) + Flammable Gas Detection + Exhaust + Water Sprinkler System
Operating Ambient Temperature Range	-30~55 $^{\circ}\text{C}$ (-30~-20 $^{\circ}\text{C}$ with Heater)
Max Operating Altitude	4,000m (de-rate between 2000-4000m.)
Max IP Rating	IP55
Remote Monitoring	Cloud EMS, Mobile APP
Certifications	IEC62619, IEC62477, IEC61000, EN50549, UN38.3
Application Scenarios	On-grid & off-grid, Industrial and commercial energy storage, Micro-grid, Emergency power backup

GR1000LC



Electrical Diagram



Specification Parameters

Model	GR1000LC
DC Side	
Cell type	LFP/314Ah
Battery capacity (BOL)	1044kWh
System configuration	(52S1P) 5S*4
Rated DC voltage	832V
DC voltage range	702~949V
Charge/discharge rate	≤0.5P
Cooling Method	Liquid cooling
PV Side	
MPPT Module Power	120kW*4
MPPT Input Quantity	4 to 16 channels optional
PV voltage range	200V~900V
MPPT voltage range	600V~950V
Protection level	IP55
Dimensions (W*H*D)	630x480x260mm
AC Charging Station Side	
Power	44kW*4
Voltage range	230/400VAC±20%
Protection level	IP55
Frequency	50Hz/60Hz
Dimensions (W*H*D)	320x1450x239mm
DC Charging Pile Side	
Rated power	180kW*2
Voltage range	400VAC±10%
Protection level	IP55
Frequency	50Hz/60Hz
Dimensions (W*H*D)	850x2000x750mm
System Communication Side	
Rated power	500kW
Rated voltage	832V
Voltage range	702~949V
Frequency	50Hz/60Hz
Wiring method	3W+PE/3W+N+PE
Dimensions (W*H*D)	1350x2100x1000mm
System Parameters	
Dimensions (W*H*D)	6058×2896×2438mm
Weight	<25T
Number of charge and discharge cycles	≥6000 cycles; @25°C, 95%DOD, 0.5P, SOH80%
Fire protection system	Perfluorohexanone (PFH) chamber firefighting; municipal water firefighting; combustible gas detection.
Thermal management methods	Liquid cooling
Ambient operating temperature range	-20~50°C
High Altitude Usage Instructions	<4000m
IP level	IP55
External communication protocol	Modbus, 4G (MQTT)
Corrosion resistance level	C3
Certification	IEC 62619, EN 62477-1, IEC 61000-6-2, IEC 61000-6-4
Application scenarios	Photovoltaic-storage-charging integrated application

GR2000LH



Features

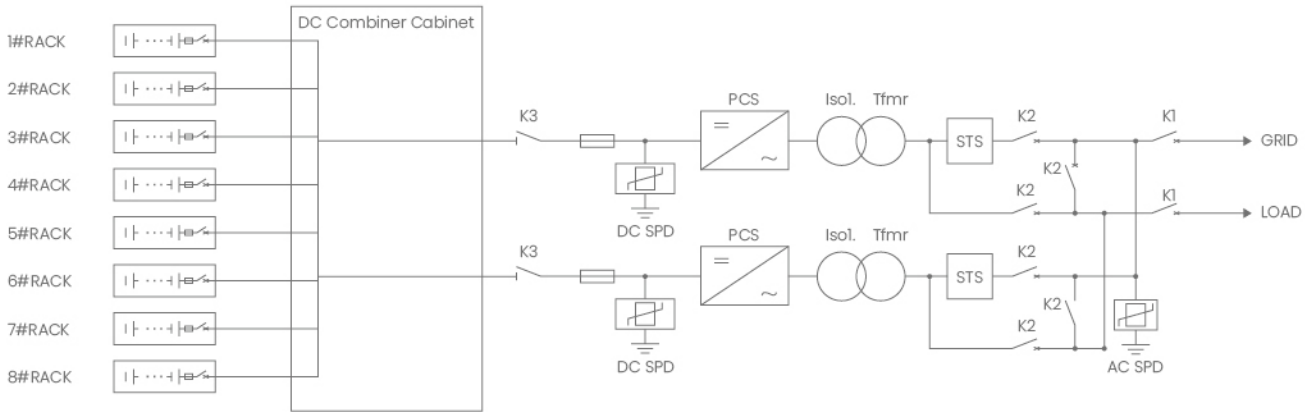
- Ultimate Reliable**

 - Optional semi-solid batteries, 80% lower thermal risk
 - Compliant with international standard certification
 - High protection up to IP55 and C4 H anti-corrosion level
 - Multi-level fire protection and battery protection
- Maximum Efficiency**

 - Smart liquid cooling system for efficient dissipation
 - Automatic optimal EMS strategy control for best efficiency
 - Self-developed BMS and EMS, project-level customization
 - Integrate artificial intelligence algorithms
- Infinite Flexibility**

 - All-in-one design with battery, PCS, transformer and STS
 - Scalable parallel support for multiple systems
 - Cloud O&M, fast fault analysis and handling
 - Support PV AC/DC coupling, DG Connection/off grid switch ≤20ms

Electrical Diagram



Specification Parameters

Model	GR2000LH
DC Side	
Cell Type	LFP / 314Ah
Battery Capacity (BOL)	2089 kWh
System Configuration	(52S1P) 5S * 8
Rated DC Voltage	832V
DC Voltage Range	702~949V
Charge/Discharge Rate	≤0.5P
Cooling Method	Liquid cooling
AC Side	
Rated AC Power	1000kW
Max AC Power	1100kW
Rated AC Voltage	400 / 480V
Rated Frequency	50 / 60Hz
AC Connection	3P+N+PE
STS (Optional)	1000kVA
System Parameter	
Demension(W*H*D)	6058*2896*2438 mm
Weight	≤28.5T
Cycle performance	≥6000 cycles; @25±2°C, 0.5P, SOH ≥80%
Fire Suppression System	Aerosol / NOVEC1230 / FM200 (Support PACK level) + Flammable Gas Detection + Exhaust +Water Sprinkler System
Operating Ambient Temperature Range	-30~55°C (-30~-20°C with Heater)
Max Operating Altitude	4,000m (de-rate between 2000-4000m)
Max IP Rating	IP55
Communication Protocol	Modbus , 4G (MQTT)
Remote Monitoring	Cloud EMS , Mobile APP
Max Anti-corrosion Level	C4H
Certifications	IEC62619, IEC62477, IEC61000, EN50549, UN38.3
Application Scenarios	On-grid & off-grid, Industrial and commercial energy storage, Micro-grid, Emergency power backup

GR5000L



Features

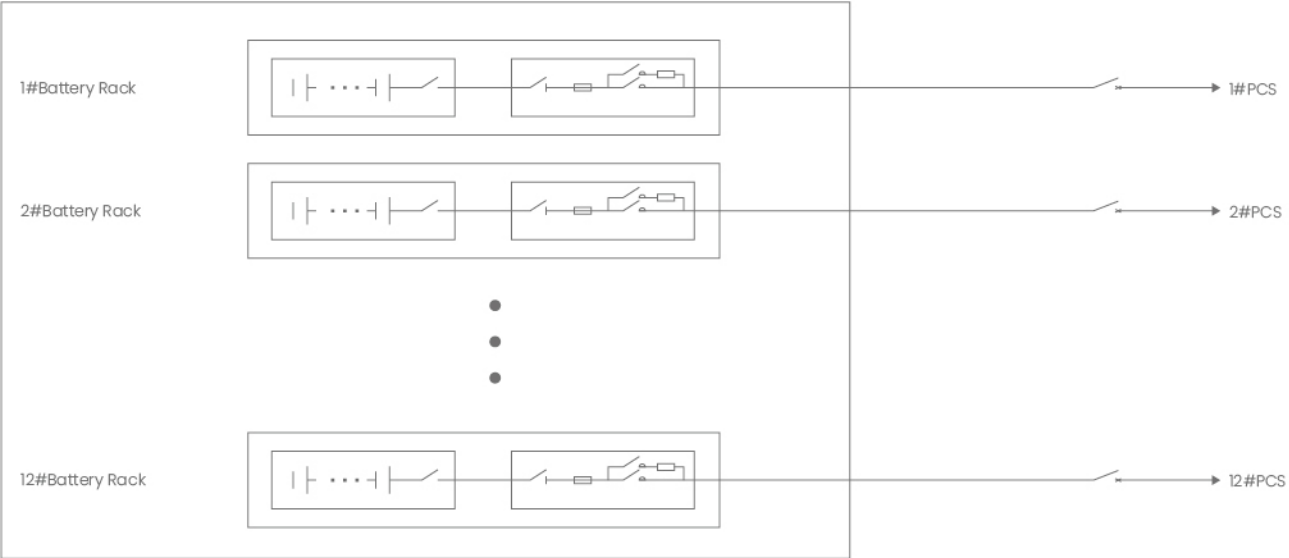
- Ultimate Reliable**

 - Optional semi-solid batteries, 80% lower thermal risk
 - Compliant with international standard certification
 - High protection up to IP55 and C4 anti-corrosion level
 - Multi-level fire protection and battery protection
- Maximum Efficiency**

 - Smart liquid Cooling System for efficient dissipation
 - Automatic optimal EMS strategy control for best efficiency
 - Self-developed BMS and EMS, project-level customization
 - Integrate artificial intelligence algorithms
- Infinite Flexibility**

 - DC-side system supporting flexible cluster reduction
 - Supports two DC voltage levels: 1500V and less than 1000V.
 - Cloud O&M, fast fault analysis and handling
 - Multiple applications with different AC-side systems

Electrical Diagram



Specification Parameters

Model	GR5000L
DC side	
Cell Type	LFP / 314Ah
Max Battery Capacity (BOL)	5016 kWh
System Configuration	(52S1P) 8S * 12
Rated DC Voltage	1331.2V
DC Voltage Range	1123.2~1497.6V
Charge/Discharge Rate	≤0.5P
Cooling Method	Liquid cooling
System Parameter	
Demension(W*H*D)	6058*2896*2438 mm
Weight	≤43T
Cycle Performance	≥8000 cycles; @25±2°C, 0.5P, SOH ≥ 70%
Max System Efficiency	94%
Fire Suppression System	Aerosol / NOVEC1230 / FM200 (Support PACK level) + Flammable Gas Detection + Exhaust +Water Sprinkler System
Operating Ambient Temperature Range	-30~55°C (-30~-20°C with Heater)
Max Operating Altitude	4,000m (de-rate between 2000-4000m.)
Max IP Rating	IP55
Communication Protocol	Modbus TCP/ Modbus RTU/ CAN 2.0 / IEC104
Communication Interface	Ethernet / RS485 / CAN / Domestic 4G
Remote Monitoring	Cloud EMS, Mobile APP
Max Anti-corrosion Level	C4
Certifications	IEC62619, UN3536, UN38.3
Application Scenarios	Utility, C&I energy storage

MULTIPLE BATTERY INTEGRATION PLATFORM

Based on a unified product development platform, Gooree products are compatible with LFP batteries, semi-solid-state LFP batteries, sodium-ion batteries and supercapacitors.

LFP Battery

▶
Heilongjiang
24.08MWh



Sodium-ion Battery

▶
Hebei Industrial Park
2*96KWh



Semi-solid Battery

◀
Guangdong
1.566MWh



Supercapacitor

◀
Chinese Southern Power Grid
1MWh



DIVERSIFIED APPLICATION CASES

Gooree Energy Storage products operate stably in various application scenarios worldwide, providing customers with reliable energy solutions.



Zero-Carbon Park



Distribution Energy Storage



Peak/off-peak arbitrage



Microgrid



Integrated Energy System



Green Power Connection



PV+ES+DS Hybrid System



PV+ES+EVC Hybrid System



Transformer Capacity Expansion



Virtual Power Plant (VPP)

GLOBAL CASES

Our products have been successfully deployed across multiple countries, with their reliability and full-scenario compatibility thoroughly proven in real-world applications.



Malaysia



Ukraine



Nigeria



Estonia



Spain



Germany



Slovenia



Sweden

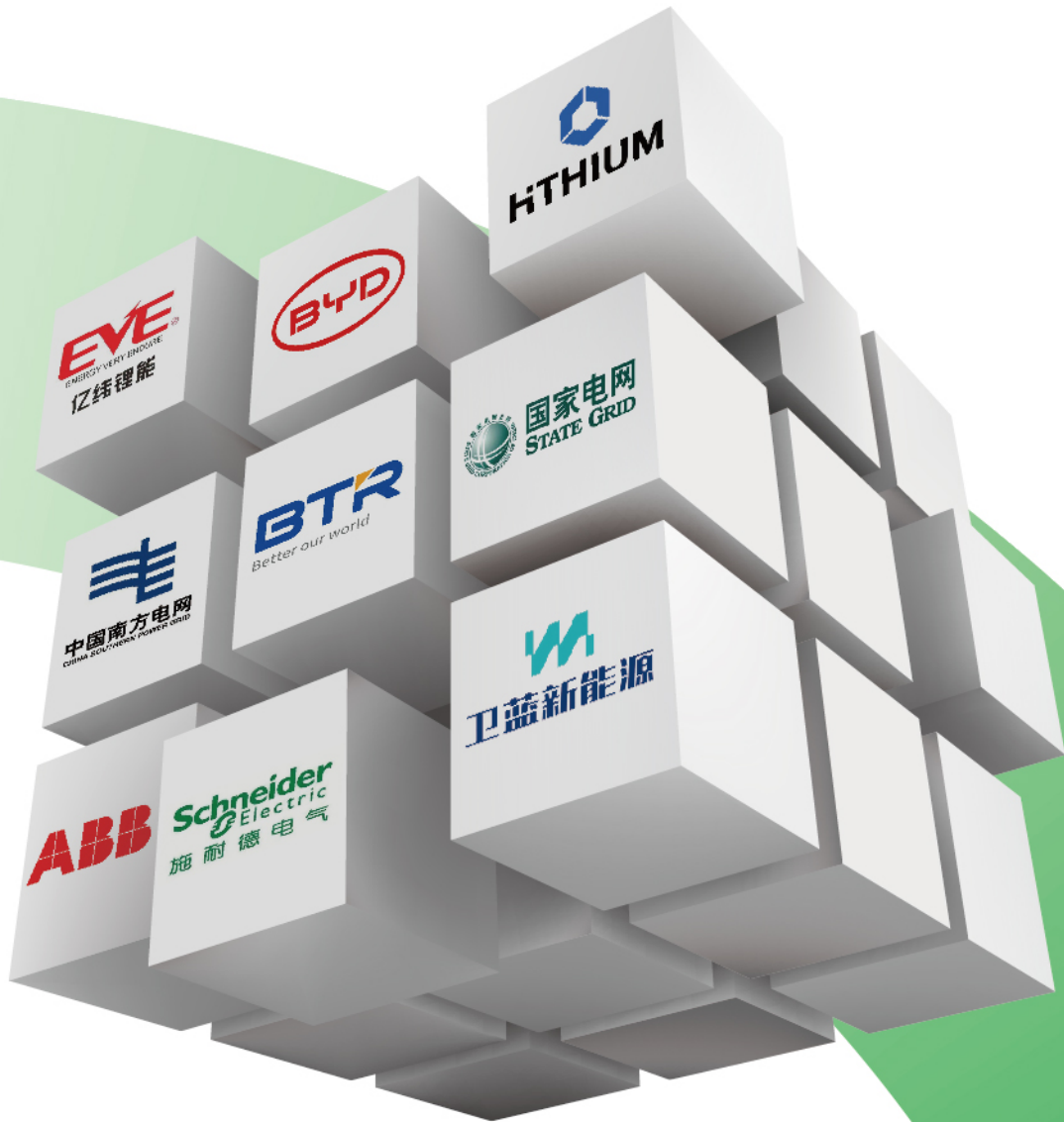


Thailand



China

PARTNERS



Gooree has always focused on optimizing the supply chain and reducing internal manufacturing costs to stay competitive in an increasingly fierce market environment. For years, we have built strong partnerships with outstanding suppliers and collaborators, ensuring a seamless and efficient value chain. By working closely with these trusted partners, Gooree is able to deliver high-quality energy storage solutions while achieving mutual success and maintaining a competitive edge in the industry.

OUR SERVICES

Gooree's Service Strategy



One-stop Services

