

aec@power

厦门标科新能源科技有限公司

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TECHNOLOGY CO.,LTD



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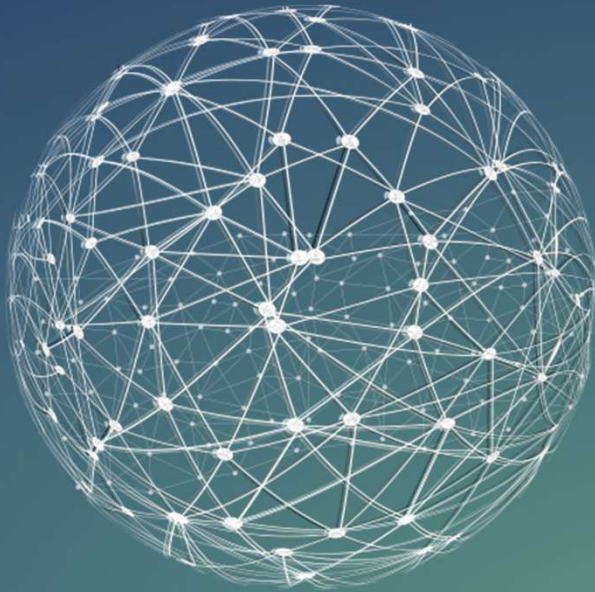
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企业概览

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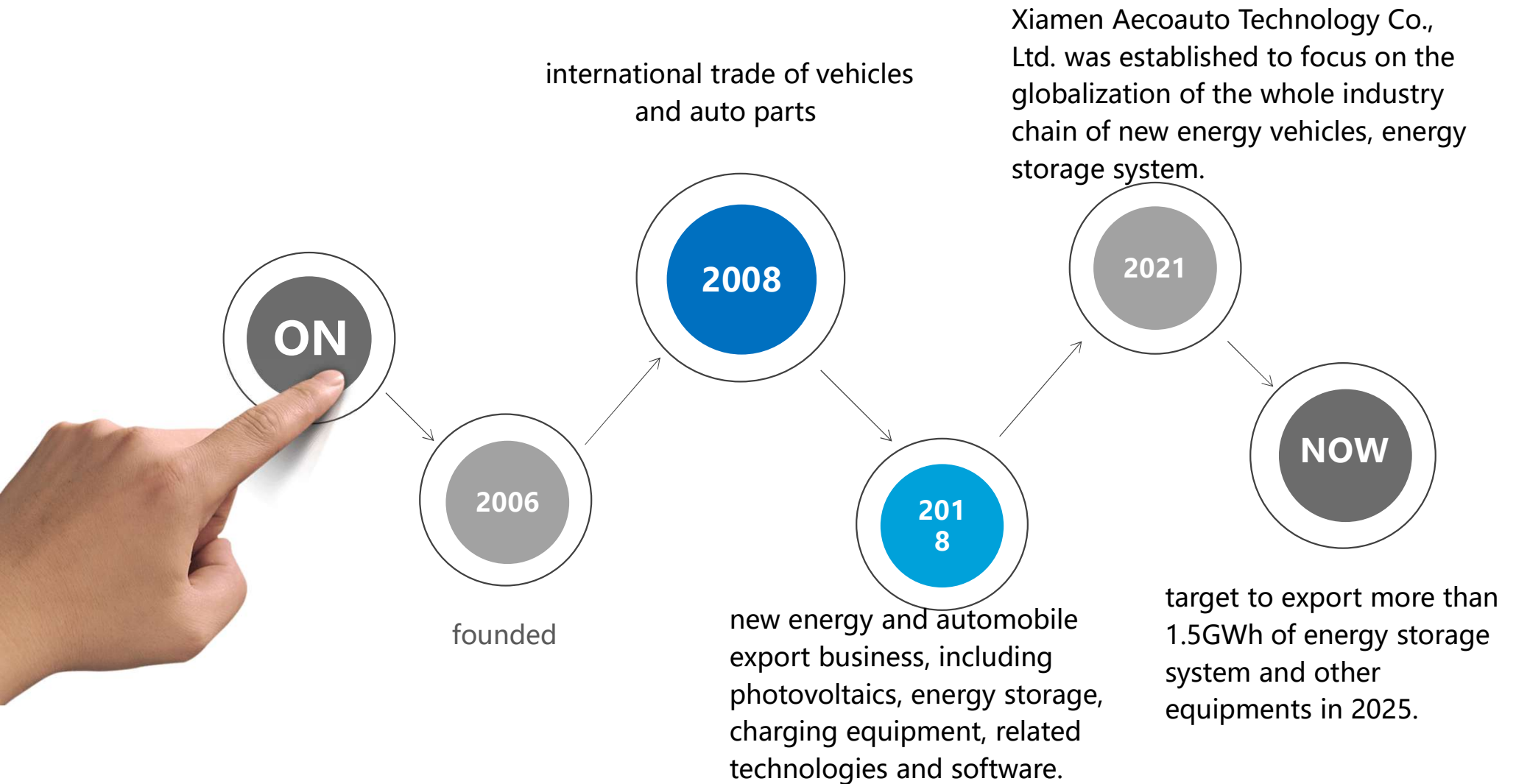
Background



Xiamen Aecopower Technology Co., Ltd. is a high-tech enterprise focusing on the global operation of the whole industrial chain of new energy storage and photovoltaic power projects. The company, formerly known as Xiamen Biyate Import and Export Co., LTD. which established in 2006, has been deeply engaged in the exporting of photovoltaic energy storage, automobiles and parts, and charging equipment for more than ten years, and has made great achievement in technical developing, supply chain management and global market. With branches in Chengdu, Thailand, Chile and other cities, we had provided products and services for more than 80 countries and regions around the world.



History



Member



Cofounder\ Blas Barros D.

Industrial Engineer PUC in Transportation, with +20 years of experience in the electrical industry (generation, transmission, PPA and regulation) and Co-founder of Electricmovility company with focus on selecting batteries.



Cofounder\ Zheng Zhenhan (Hilerson)

Engineer Xiamen University, with +20 years of experience in exporting from China construction materials Electric Vehicles, Chargers and electromobility devices to different countries. Founder of many companies in China and HongKong.



Thailand aeocoauto CEO\ Rein

Originally from the Netherlands, with a Master's degree in Mathematics from Leiden University, he was the founder and CEO of a large Dutch manufacturing company, working with over 1,000 retailers in Europe. Experienced in automotive market development and sales, proficient in Dutch, English and German.

Member



Development VP\ Steven

Bachelor degree, studied and worked in Germany for more than 10 years, proficient in German and English, once worked as an internal trainer in Xpeng Automobile. Has a unique international vision and rich industry experience.



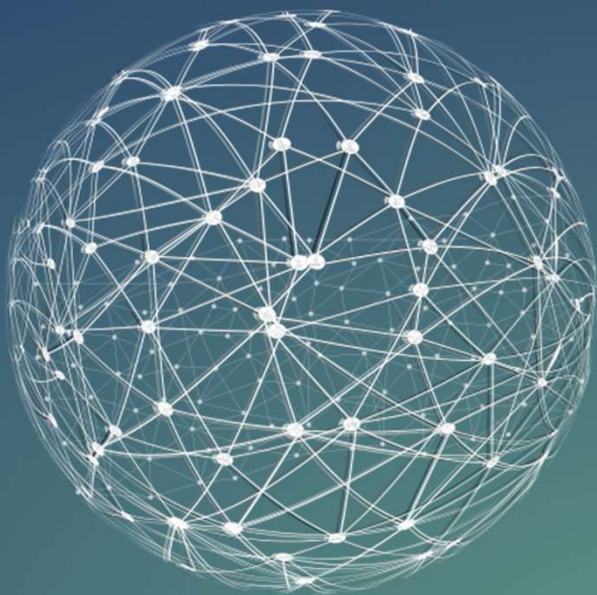
Supply Chain VP\Henry

With a bachelor's degree, he has rich experience and outstanding achievements in the field of automobile maintenance and service, and is one of the first professionals involved in new energy vehicle maintenance in Fujian Province, providing strong support for the development of the company's supply chain and maintenance service business.



Engineer\zack

Senior engineer in the field of photovoltaic and energy storage system, graduated from Overseas University, with more than 7 years of professional experience and other fields committed to providing customers with efficient and reliable new energy system solutions.



核心业务

Core Business

储能项目

ESS

Utility Scale /C&I

光储充一体化解决方案

Solar Storage Charging Solution

售后服务体系

After-Service

战略合作生态

Eco-System

SMART BESS

Utility-Scale ESS
Commercial and Industrial ESS
Residential ESS

1

Solar Storage Charging Solution

solar photovoltaic panels ,inverters, energy storage system

2

After-Sales

technical training, spare parts supply, remote diagnostics, etc.

3

Brands

A Strategic Partner of CATL and CNTE, provides design, technical services, project construction, management, and investment..

4

PV BESS

With more than 20 years of experience and expertise in global trade, our team successfully pioneered the export of new energy areas such as photovoltaics, battery storage system, charging equipment in 2015. Our goal is to expand to more countries, establish more cooperative partnership, and to achieve 50% growth in 2025.

Utility Scale ESS



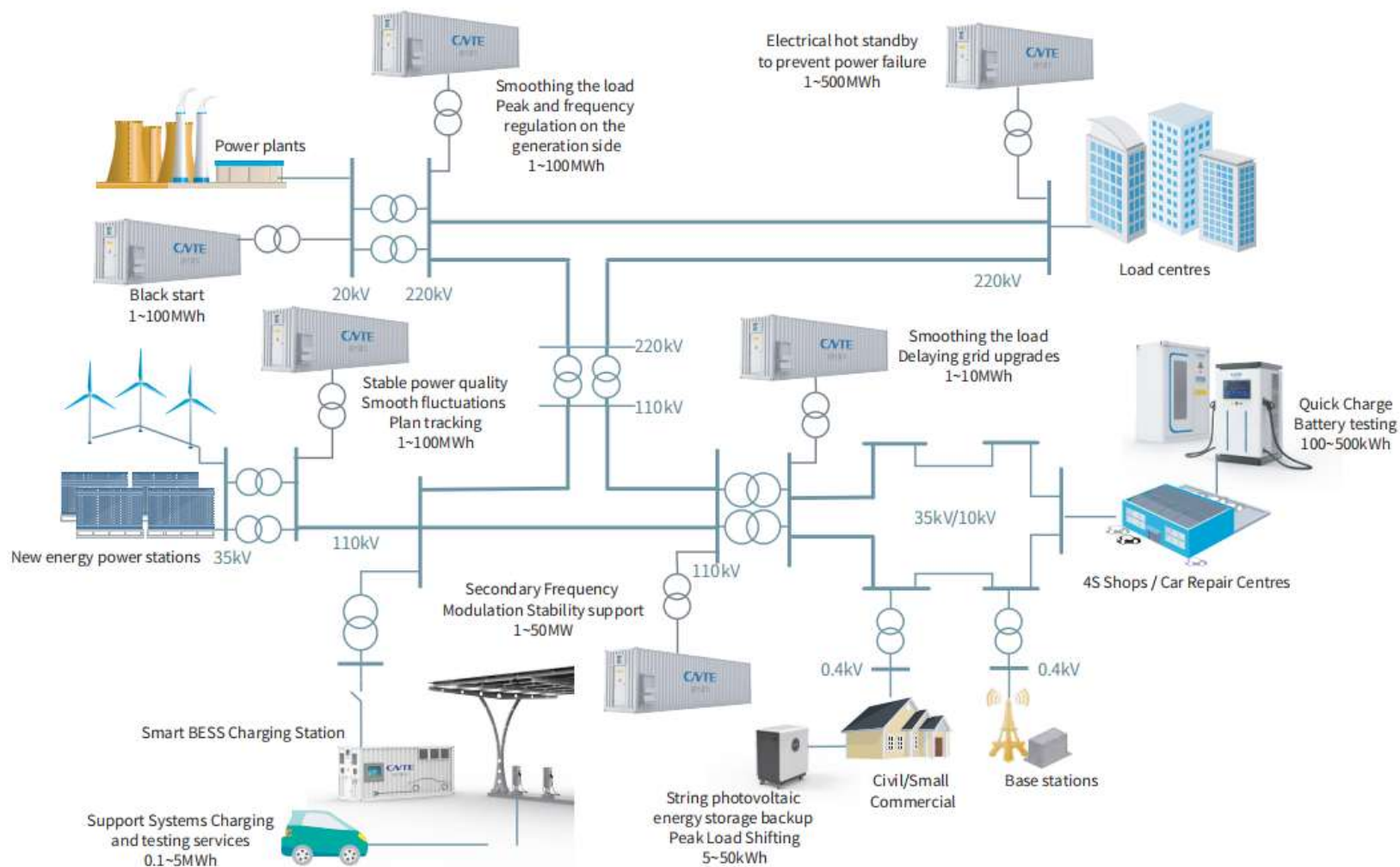
C&I ESS



RES



FULL-SCENARIO SOLUTION



PV BESS CHARGING

AECOPOWER is committed to becoming a leading provider of integrated green energy solutions with keen market insight and profound technology accumulation. We join hands with the industry's top brands CATL/CNTE to create an efficient, intelligent and reliable optical storage and charging integrated system.



Smart BESS Charging & Testing Station

Clean Energy Storage

Storage of solar energy
Improve the utilisation rate of clean energy

Super Fast Charging

Charge to 80% in 10 minutes

Battery Detection

Battery online detection
service available

Fast Construction

Modular design, flexible deployment
Shortened construction period
Remote monitoring, operation convenience

Emergency Power Backup

Backup power supply
Switching between parallel and off grid
to ensure stable charging

Increase Revenue

Peak load shifting
Arbitrage from peak and valley

High Security

Lithium iron phosphate battery
High safety, Long life

Capacity Expansion

Virtual capacity expansion
Reducing the burden of power grid

Stabilizing Fluctuation

Improving grid stability

Smart BESS Charging & Testing Station

Applications



Expressway
Service Area



Community
Charging Station



Airport



Bus Station



Large Parking Lot



Taxi Parking

Solution



Smart BESS
Container



Charging
Piles

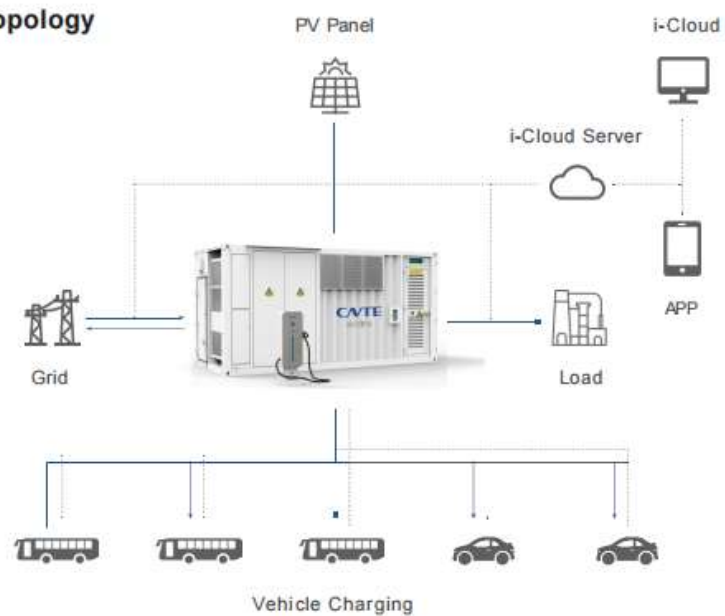


EMS/Monitoring
Centre



The Smart Remote
Management Application

Topology



After-Sales

A global network provides comprehensive and undifferentiated after-sales protection for your equipment. No matter where you are, whenever your equipment fails, we can respond quickly to ensure that the problem is resolved in a timely manner.

Global Warrenty

A global network ensures that spare parts are supplied in a timely manner and equipment failures are quickly resolved.

Remote Diagnosis

Remote diagnostic technology can monitor equipment status in real time, quickly locate faults efficiently.

Training

Comprehensive technical training help operation and maintenance skills.

Spare Parts

An efficient spare parts supply system ensure that customers can get the spare parts quickly, optimize inventory and reduce operating costs.

aecⓂpower

CATL

GNE

As a strategic partner of CATL/CNTE, AECOPOWER are committed to the deep integration of CATL leading battery technology with energy storage systems and electric vehicles to promote technological innovation and industrial upgrading in the field of energy storage. In addition, we also cover other fields such as new technology development, overseas project investment, and technical and financial services to further improve the ecology of the new energy industry.

Product Matrix



Lineup



Utility Scale\ STAR T

Customization
LFP cell:280Ah、 306Ah
IP67



C&I\ STAR X

Liquid cool | 500/630kW |
1034~1648kWh
Intelligent precise liquid cooling
temperature control system
IP67
Perfluorohexanone protection



C&I\ STAR Q

Outdoors diesel+solar |
50kW/109kWh
Hybrid inverter
Photovoltaic
Diesel
0.02 seconds seamless switching



C&I\ STAR H-232

Outdoors Liquid | 115kW/232kWh
LFP cell:280Ah
Recycle≥8000

Lineup



C&I\ STAR C-215

Outdoors Air Cool | 100kW/215kWh
Fanless design
Friendly maintenance
280Ah LFP cell
Recycle \geq 8,000



Solar Chaging Station \ Nimbus SE

Rapid charging support 180kW
Power: only 100kw needed
Suitable for old residential areas,
remote suburbs and other
terminals with insufficient
capacity.



Solar Chaging Station \ Nimbus

The system supports fast
charging piles with a
maximum capacity of 540kW
and offers a highly
customizable solution.



Solar Chaging Station \ Nimbus Pro

Rapid charging support 540kw
Flexibility
Suitable for medium and large
new supercharging stations

Lineup



HOME\ NOVA 1000

LV | 5 ~ 80kWh
5kWh-81.92kWh
Single box control
Easy installation
Compatibility



HOME\ NOVA 2000

LV | 14 ~ 224kWh
14kWh-224kWh
Recycle ≥ 8000 (70% SOH)
IP66
Save space
Thickness: 217mm



HOME\ NOVA 5000

HV | 9.4 ~ 23.5kWh
Single modular 4.7-
23.5kWh IP66
Save space
Thickness: 175mm



HOME\ MIX II

HV | 9.4 ~ 23.5kWh
Hybrid inverter
Turnkey integration
Elegant and slim design
APP
Low standby loss

Lineup



Portable Power Station

Fast Charging

1.5 hours to 80% recharge

Safety and Durability

Automotive grade LFP cells
Up to 10 years of battery life

Eco-friendly & Energy-saving

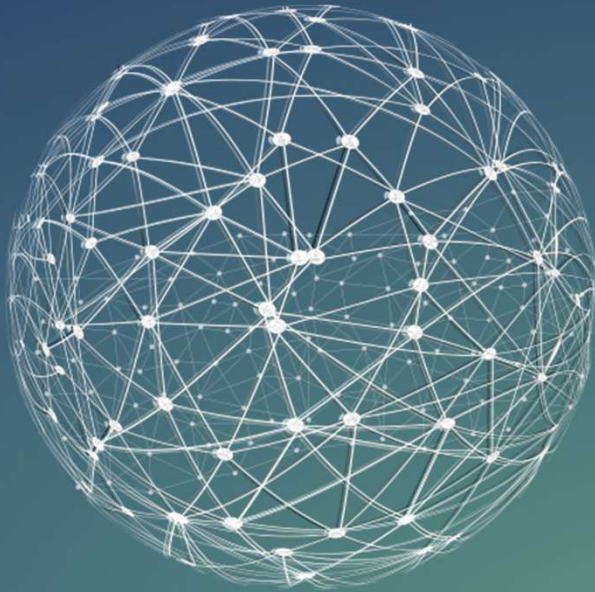
Stores PV energy and is eco-clean

Split Design

Portable, Chargeable & Exchangeable

High Capacity & High Power

3000W high power output
2.3kWh large energy storage capacity
Compatible with over 99% of common appliances

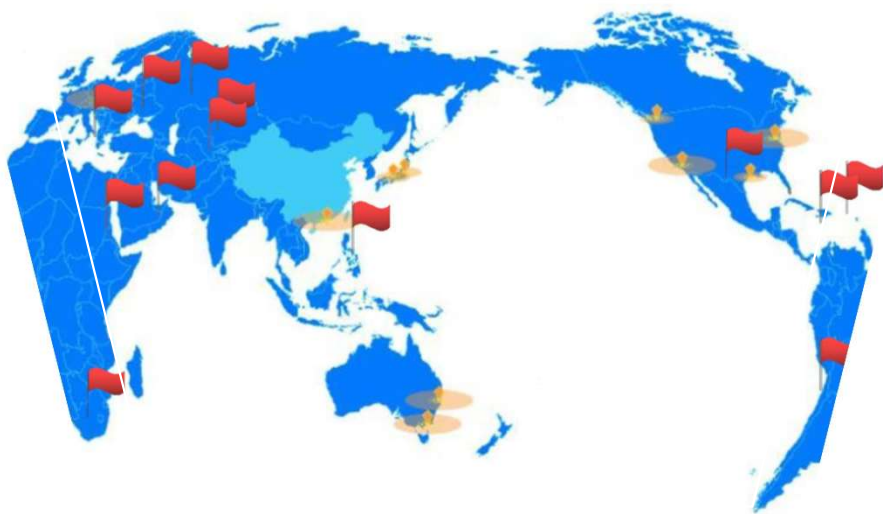


全球化网络

Global network

市场分布 分公司展示
Market Map Branch Display

Market Map



Our company has developed and operated projects and cooperation in the international market, including Chile, Ecuador, Dominica, Costa Rica, Trinidad Tobago, Russia, Romania, Moldova, Cyprus, Greece, Ukraine, Dubai, Egypt, Uzbekistan, Thailand, Pakistan, the Philippines, Cambodia and other countries.

CATL
宁德时代

 **HUAWEI**

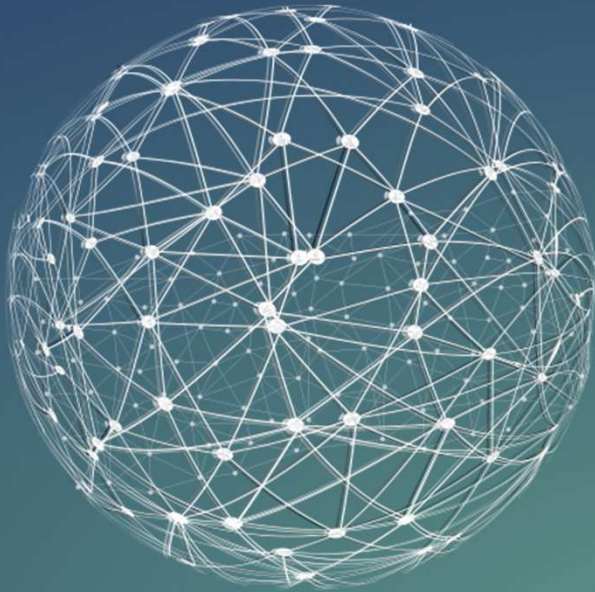
 **鹏辉**
GREAT POWER

 **索英电气**
SOARING

 **双登慧峰聚能**
ShuangdengHuifengJuneng

 **ZTT**
中天科技





技术赋能

Empowerment

技术支持

荣誉专利

Technical Support

Honors

Support



■ Strategic Partner

- CNTE: Focus on energy storage system technology, providing utility scale, industrial and commercial high safety energy storage solutions (such as intelligent temperature control, multi-scenario adaptation technology)
- CATL: A globally leading provider of battery technology company, distinguished in the industry for its exceptional technology and innovation
- SOLARSPACE: Supply high-efficiency photovoltaic modules (conversion rate $\geq 22.5\%$) to meet the power generation needs of extreme environments such as deserts and islands

■ Qualification

- Certification: ISO 9001 quality management system, BSCI social responsibility audit
- Product certification: CE (EU), UL (North America), IEC 62133 (Battery safety), etc., matching the market access requirements of 80+ countries

Honor



30+ honors

Fujian small giant enterprise of science and technology
First prize of State Grid Shanghai Electric Power Company science and technology progress
Fujian first solar charging station
National high-tech enterprises
Fujian digital economy "gazelle" innovative enterprises
Fujian industry and information technology key new products



364 invention patents

857 cumulative patent applications



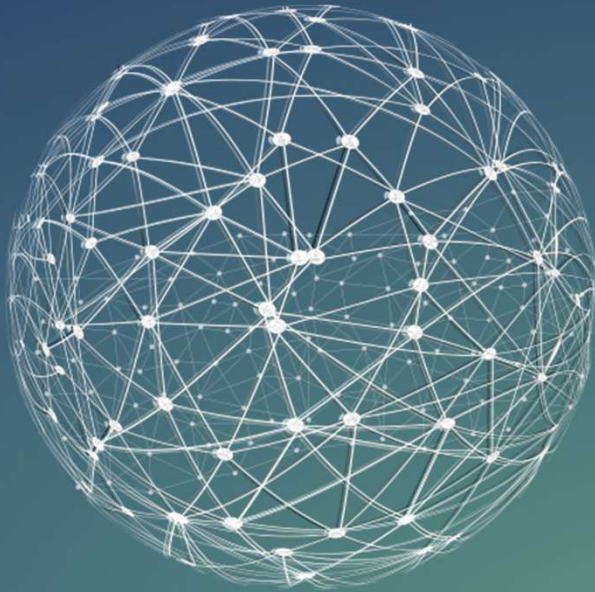
3 authoritative system certification

ISO9001: 2015/GB/T19001-2016
ISO14001: 2015/GB/T24001-2016
ISO45001:2018/GB/T45001-2020



7+ international certifications

UN38.3, RoHS, IEC, PSE, CE, UL, FCC



服务优势

Service advantages

优势亮点

Highlight

服务案例

Case

HIGHLIGHT



Global Branches

Set up localized service centers in key markets such as Thailand and Chile to provide technical support and after-sales maintenance



Multilingual Service

30+ Foreign trade team support English, Germany, Spanish, Dutch and other multi-language communication, 7/24 to respond to customer needs



Scenario Customization

The adaptation scheme is designed for extreme environment such as high cold, wet and hot



Lifetime Service

Provide video tutorials + engineers remote debugging, reduce the customer operation threshold

Case



Container\ 6MW/6MWh

CNTE BESS used in the project is divided into two sets of 2.4MWh lithium battery system and one set of 1.2MWh lithium battery system, and flywheel energy storage to form a hybrid energy storage system, which is the first time that the mixed storage system has been applied in the domestic power grid frequency modulation scenario



Container\12MW/12MWh

Three Gorges relies on the wind storage AC coupling control algorithm and energy digital management to achieve primary frequency modulation, automatic generation control and reactive power control functions, smooth wind power output, and effectively solve the problem of wind curtailment and power rationing.



Jiangsu C&I

2.5MW/6.708MWh

The project meets peak shaving and distribution management, and reduces the cost of electricity for enterprises with high energy consumption and alleviates the power load



Sweden C&I\ 1MW/1MWh

The power demand of farm fluctuates greatly, and the stability of power supply is particularly important during busy farming season or special weather conditions. The ESS can quickly respond to fluctuations in farm power demand, improve the stability and reliability accurate frequency adjustment, and obtain corresponding economic compensation.

CASE



Shandong Solar Charging\ 630kW/824kWh

1000 square meters,
equipped with a set of
630kW/824kWh liquid
cooled energy storage
container and 16X180kW DC
charging piles



Henan Solar Charging\ 200kW/206kWh

CNTE 200kW/206kWh liquid
cool ESS, equipped with 6
units of 180kW guns



Shanghai Solar Charging\ 1260kW/1648kWh

CNTE 1260kW/1648kWh liquid
cool ESS, equipped with
42X180kW and 2X350kW DC
charging piles



Czech Republic C&I\ 37.95MW/41.7MWh

The project provides benefits for the local
power grid, such as stabilizing the power
grid frequency, ensuring the safe
operation of power equipment,
improving power quality, optimizing
energy management and reducing
electricity costs

THANK YOU FOR WATCHING

AECOPOWER——CONNECT GREEN ENERGY

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