



# Ceepower Corporate Brochure 2024

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Energy Internet System Solution Provider

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*Energy Internet System Solution Provider*



# Chairman's Message

Innovate in Energy,  
Serve the Society through Industry

At Ceepower, our mission to "Innovate in Energy, Serve the Society through Industry" reflects our corporate ethos and aspirations. Our growth and transformation have been facilitated by national policies, partners, and customers over the past 25 years, allowing us to create significant value and contribute to social development.

Starting with electric cable accessories, we have expanded into a comprehensive industry chain in smart grid equipment manufacturing and renewable energy services. We are now a joint-stock company with assets exceeding 3 billion RMB, over a dozen holding companies, and over 1,000 employees. Our products are available in over thirty countries.

Ceepower is committed to integrating the values of customer-centricity, innovation, self-reflection, cooperation, self-discipline, and collective growth into the operations, striving to deliver value to customers, partners, and society. Our aspirations are driven by our vision of becoming a leading provider of energy internet system solutions. We hope every Ceepower employee achieves significant accomplishments and personal fulfillment within the company.

Ceepower Co., Ltd.  
Tianxu Chen (Chairman)



Headquarters



Manufacturing Facility



R&D Center



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# 01

## Ceepower Profile



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# Ceepower Introduction



**3 Billion+**  
Asset



**1000+**  
Employees



**200+**  
Patents & Software Copyrights



**30+ Regions**  
Business Coverage



Founded in 1999, Ceepower Co., Ltd. (Ceepower) is one of the leading providers of energy internet system solutions in China. Since March 2010, Ceepower has been listed on the Shenzhen Stock Exchange with the Stock Code 300062, making it the first company to enter the Growth Enterprise Market in Fuzhou.

With over 25 years of expertise, Ceepower has established a comprehensive industrial chain in R&D, production, investment, construction, and service in the power and energy sector, with a strong presence in smart grids, rail transit, and renewable energy. With extensive experience and cutting-edge

technologies, Ceepower has expanded into an enterprise with multiple wholly-owned and controlled subsidiaries and more than 1,000 employees worldwide. The company holds over 200 patents and software copyrights, contributing significantly to national and industry standards.

Ceepower is focusing on the "Dual-Carbon" strategy, enhancing its expertise in intelligent electrical manufacturing and renewable energy services. The company aims for innovation and high-quality growth, striving to be a pioneer in the energy internet solutions industry.

# Our History

## 25 YEARS OF CONTINUOUS ADVANCEMENT

1999-2024



### Startup to Industry-leading 1999-2013

● **1999**  
Established as Fuzhou Ceepower Electrical Equipment Co., Ltd. and initially engaged in the importation of cable accessories

● **2005**  
Launched the C-GIS ring main unit domestically

● **2007**  
Transformed into a joint-stock system and renamed Fujian Ceepower Electrical Co., Ltd.

● **2010**  
Listed on the Shenzhen Stock Exchange, becoming the first company from Fuzhou to enter the Growth Enterprise Market

● **2011**  
Acquired Wuhan Wuchang Electric Control Equipment Co., Ltd., entering the rail transit industry

● **2012**  
· Established a 180,000 m<sup>2</sup> manufacturing facility in Fuqing  
· Maintained industry leadership in distribution equipment

● **2015**  
Renamed Ceepower Co., Ltd.

● **2016**  
Won the bid for the concession of a transmission and transformation project in Brazil

● **2015~2018**  
Developed business in intelligent renewable energy

### Manufacturing to Innovating 2015-2019

### Business Transformation 2020-2023

● **2020**  
· Explored the renewable energy ecological chain  
· Conducted research on intelligent products and technologies  
· Launched intelligent prefabricated substations for renewable energy

● **2022**  
· Entered the photovoltaic market with a cumulative power generation of 500 MW  
· Conducted R&D on renewable power storage technology  
· Developed a "Dual-Drive" business strategy: "Intelligent Electrical Manufacturing + Renewable Energy Services"

● **2023**  
· Developed a renewable energy business and achieved a breakthrough in the photovoltaic storage market  
· Launched mobile power storage-charging products and residential power storage products  
· Introduced solutions for distributed power storage systems, as well as energy storage and storage-charging integrated products

● **2024**  
· Focused on technical upgrading of products, advancing the intelligence of secondary equipment, and extending to high voltage application  
· Realized integrated R&D, production, investment, construction, and operational services in the renewable energy sector

# Our Credentials



## Smart Manufacturing

Ceepower's manufacturing facility in Fuqing is equipped with advanced systems, including multiple automated production lines for high-efficiency manufacturing.

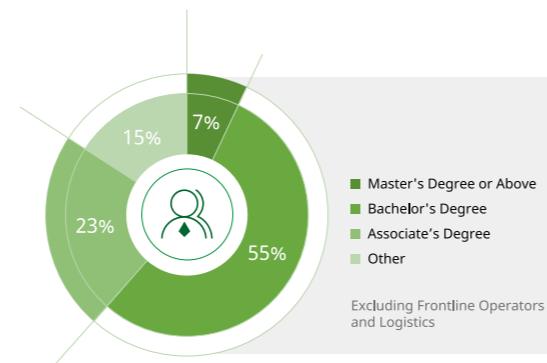
- Intelligent Manufacturing Equipment
- Industry-leading Robotic Arms
- Advanced CNC Busbar Production Equipment
- Sophisticated Bending Machines

180,000 m<sup>2</sup>  
Site Area

900+  
Production & Inspection Equipment



## Competent R&D Center



**62%** Employees Hold a Bachelor's Degree or Higher

Integrating external recruitment with internal development to cultivate talent resources



Ceepower's R&D center features cutting-edge software and hardware facilities, supported by a team of professional researchers and industry experts, driving the development of new products and technologies.





## National Standard Development

With over 25 years of experience in power transmission and distribution manufacturing, Ceepower has actively participated in developing numerous national industry standards.

**1999**  
Cable Accessories Import Agent

**2005**  
Production of the First Ring Main Unit

**2011**  
Railway Box-type Substation

**2020**  
Prefabricated Substation

**2022**  
· Mobile Energy Storage-Charging Robot  
· Residential Energy Storage Products  
· Industrial & Commercial Energy Storage Products

**2023**  
Intelligent Energy Management Platforms

## Continuous Innovation in Products & Technologies

Ceepower consistently focuses on product upgrades, extending the application voltage from medium and low voltage to high voltage, and expanding its business scope from smart grids to renewable energy.

## Corporate Honors

Ceepower has deepened its presence in the power industry over the past 25 years and possessed over 200 patents and software copyrights.



Postdoctoral Innovation Practice Base



High-Tech Enterprise



National Green Supply Chain Management Enterprise



2020-2021 Fujian Province Contract-Abiding and Trustworthy Enterprise



Fujian Province "Specialized, Refined, Differentiated, and Innovative" Small and Medium-Sized Enterprise



Provincial Enterprise Technology Center



## Honors

- Granted the Title of "National Green Supply Chain Management Enterprise" in 2022
- Granted the Title of "Provincial Enterprise Technology Center" in 2020
- Granted the Title of "The Most Influential Brand in China's Electric Vehicle Charging Industry" in 2017
- Granted the Title of "Well-known Trademark" in China in 2014
- ... and over 20 other honors granted by the government

## Patents

- Clamping Plate Type Operating Mechanism for Load Switch (CN104021974B)
- Gas-insulated Switch External Member and Switch-box(CN106654965B)
- Pressure-operated Load Switch for High Pressure Gas Insulation Ring Main Unit (CN105489437B)
- Combined Electrical Apparatus Trip Gear (CN106531540B)
- Novel Three-position Operating Mechanism (CN103065860A)
- Electric Switch Cabinet Gas Tank Convenient to It is Waterproof (CN216672197U)
- ... and over 200 other patents and software copyrights

## Certificates

- Energy Management System Certificate
- Integrated Management System for Informatization and Industrialization Certificate
- Engineering Design Qualification Certificate
- License to Install(Repair, Test) Electrical Facilities
- Ungraded Construction Labor Service Certificate
- ... and over 20 other certificates in electricity field

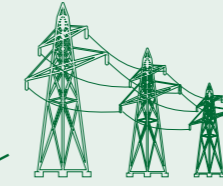
# 02

## Business Overview

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Dual-Drive Strategy

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Business Worldwide

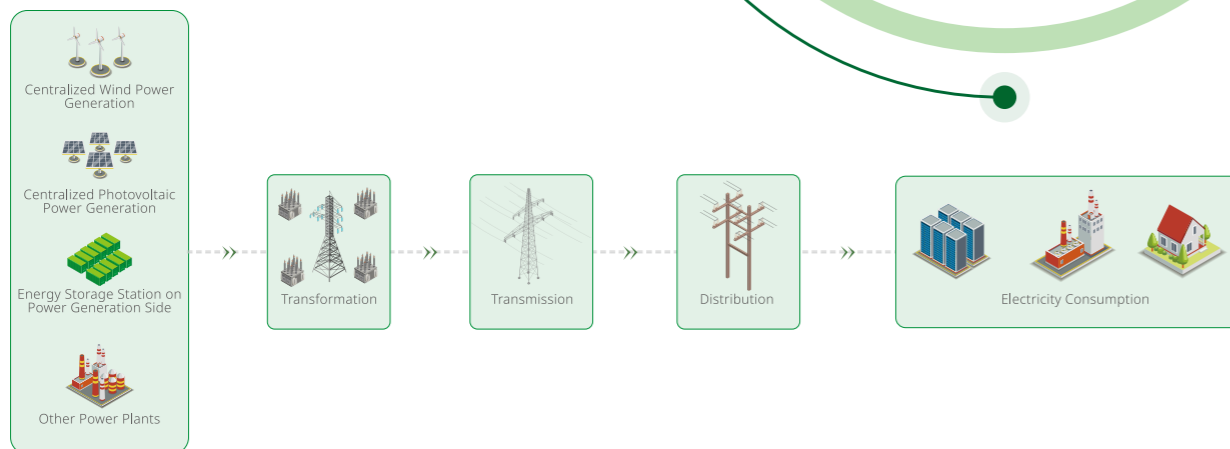


# CEEPower

# Dual-Drive Strategy

## Intelligent Electrical Manufacturing

Ceepower's expertise spans the entire power sector, encompassing power generation, transformation, transmission, distribution, and consumption. With robust manufacturing capabilities and cutting-edge technologies, Ceepower specializes in renewable energy, particularly innovative power systems.



## Renewable Energy Services

With over 25 years of industry expertise, Ceepower has significantly expanded its renewable energy portfolio, including photovoltaic power generation, investment in photovoltaic power plants, power construction services, smart operation and maintenance, renewable energy charging solutions, electronic power products, and energy storage systems. To date, Ceepower has generated over 1.4 GW of electricity through photovoltaic power and achieved a cumulative energy storage installation capacity exceeding 550 MWh.



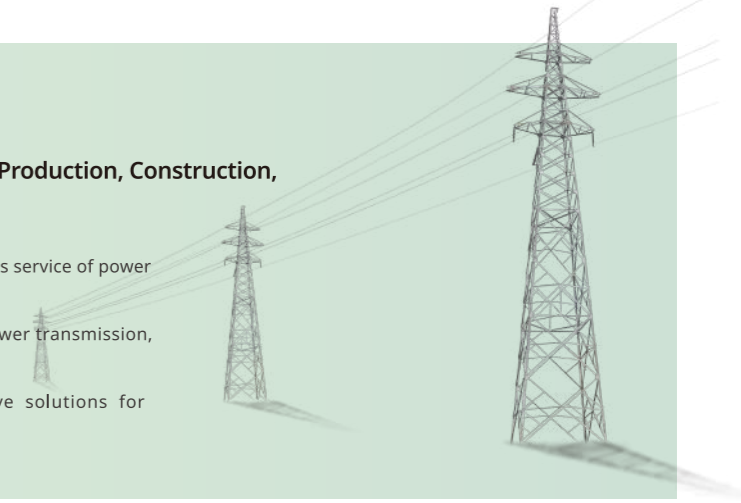
# Business Scope



## Smart Grid

Providing Comprehensive Power Grid Solutions in Design, Production, Construction, Operation, and Maintenance

- **Electrical Product:** Research, development, production, sales, and post-sales service of power transmission, distribution, control, and related equipment.
- **EPC Project:** Engineering, procurement, and construction services for power transmission, distribution, and renewable energy generation projects.
- **Investment and Intelligent Operation of Electrical Projects:** Comprehensive solutions for intelligent grid transformation.



## Rail Transit

Delivering Efficient and Reliable Electrical Solutions Tailored for Rail Transit

- **Electrified Railway Power Supply System Solutions:** Research, development, production, sales, and post-sales service of electrified railway products. Includes high-quality electrification products and solutions such as railway signaling transformer substation systems.
- **Subway Power Supply System Solutions:** Integrated power supply systems, including distribution systems, environmental control cabinets, BAS, and others.

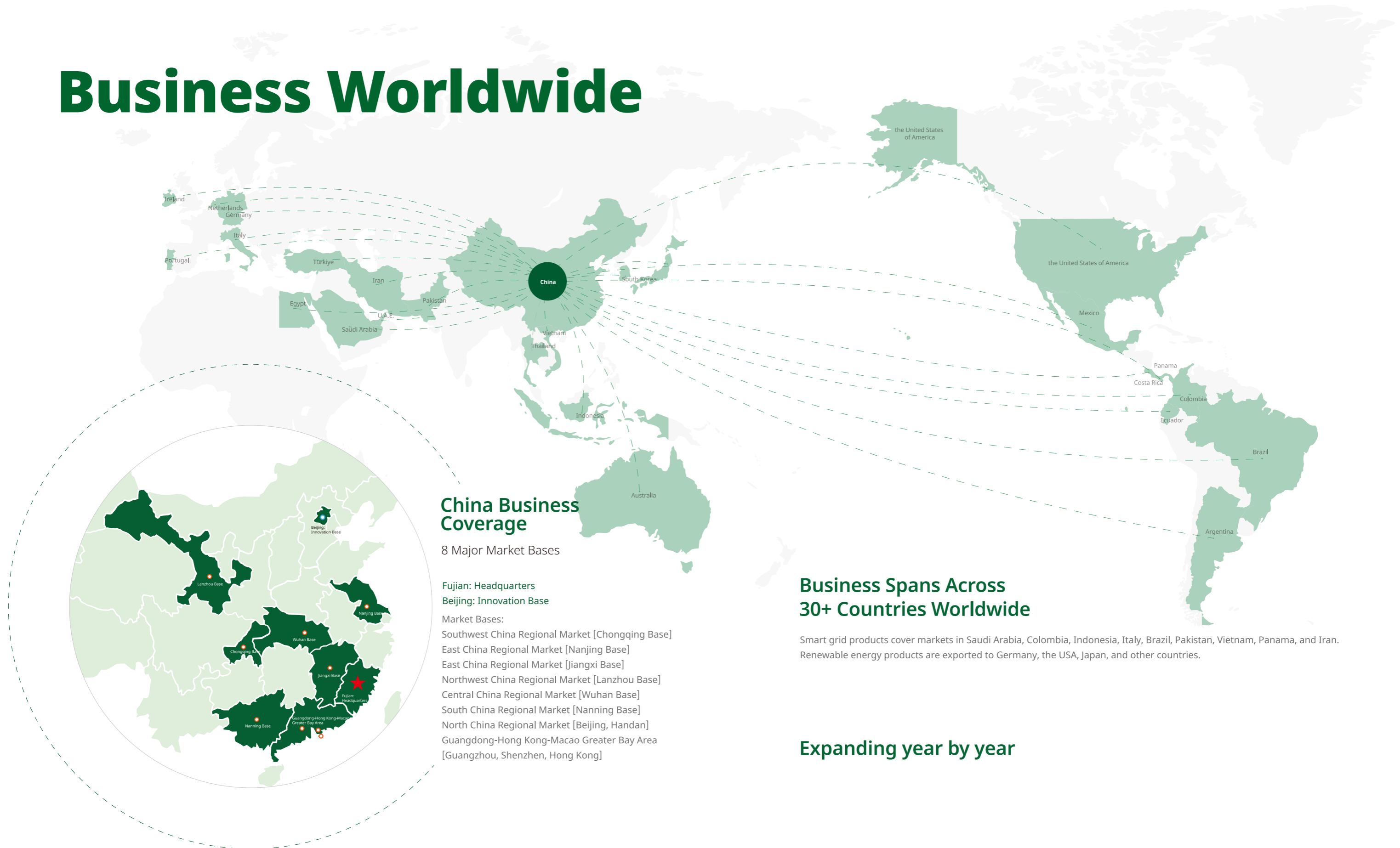
## Renewable Energy

Focusing on Advanced Power Systems, Expanding Services in Renewable Energy

- **Photovoltaic Power Generation:** Operations and EPC services for photovoltaic projects and renewable energy.
- **Renewable Energy EV Charging Services:** Production and sales of charging piles, offering comprehensive services for charging stations and photovoltaic storage-charging stations.
- **Energy Storage:** Supplying energy storage products and services, including solution design and system integration.



# Business Worldwide



# 03

## Products & Services



23/  
Intelligent Electricity Series

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Renewable Energy Series



# Intelligent Electricity Series

Comprehensive Supply of "Source-Grid-Load-Storage" Products



## Prefabricated Substation

Prefabricated Substation for Voltage Below 220 kV

Fast, Efficient, High-Quality, Low-carbon Power Supply



0.4 kV-35 kV Prefabricated Switchgear

Prefabricated Secondary Equipment & Transformer Cabin

110 kV-220 kV Prefabricated GIS

Ceepower uses advanced technology and stringent production standards to manufacture highly integrated prefabricated products, ensuring enhanced operational efficiency. We offer various specifications of prefabricated substations, including 0.4 kV-35 kV switchgear, secondary equipment, 110 kV-220 kV GIS, and primary transformers, along with customized solutions for diverse applications.

## Cable Accessories

10 kV - 110 kV Cable Accessories | Temperature Sensing Cable Termination

Diverse Selection, Comprehensive Qualifications, Fulfilling Long-term Operational Demands of Power Transmission



With over 25 years of expertise in cable accessories, Ceepower's products are certified by prestigious institutions, including KEMA in the Netherlands, IPH in Germany, CESI in Italy, and LAPEM in Mexico. They are widely used in power grids worldwide.

## Intelligent Ring Main Unit Series

10 kV - 40.5 kV Complete Range of Ring Main Units

Modular Design Tailored to Different Requirements

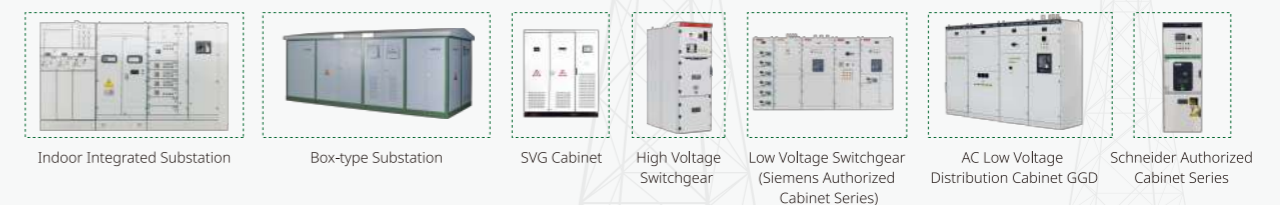


Ceepower has launched a range of advanced, sustainable products integrated with industry-specific solutions. These innovations are used across sectors such as power grids, enterprise power generation, rail transportation, petrochemicals, healthcare, and municipal engineering.

## High / Low Voltage Switchgear

0.4 kV Low Voltage Switchgear | 12 kV / 40.5 kV High Voltage Switchgear

Intelligent, Efficient and Safe Design Meets Complex Power Requirements



Ceepower specializes in high and low voltage switchgear systems, including prefabricated substations, combined transformers, vacuum circuit breakers, indoor switchgear, metro environmental control cabinets, as well as MNS, GGD, GCK, and GCS systems. Developed in partnership with Schneider and Siemens, these products serve numerous projects.



# Renewable Energy Series

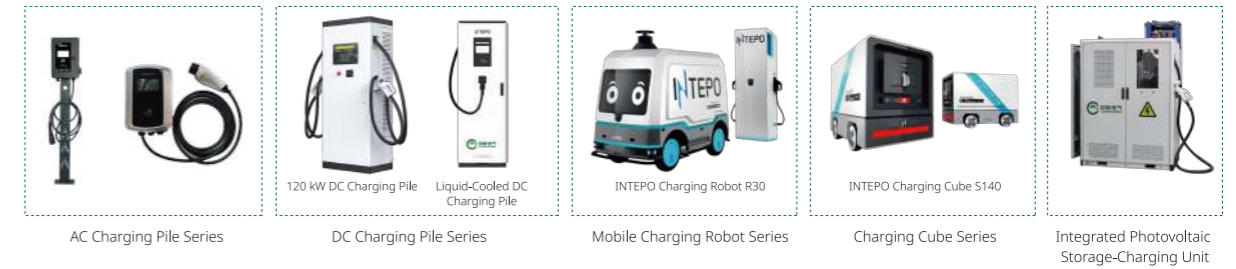
“Source-Grid-Load-Storage” Products Cater to Diverse Energy Demands



## Renewable Energy Storage-Charging Series

AC/DC Charging Piles and Mobile Charging Products

Innovating Renewable Energy Charging Models to Create an Efficient, Intelligent Charging Network

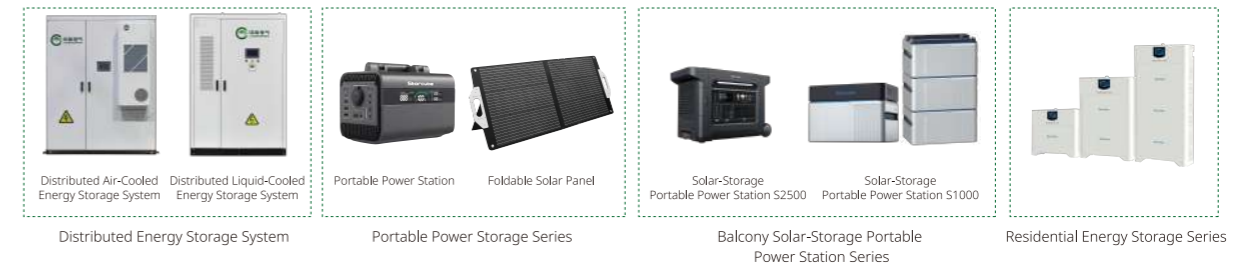


In renewable energy, Ceepower focuses on customized integrated photovoltaic storage-charging solutions. Combining AC/DC charging piles, intelligent mobile storage-charging products, and service systems, we provide advanced energy storage-charging services.

## Energy Storage Series

Energy Storage Products for Various Needs

Industrial / Commercial Energy Storage + Residential Energy Storage



Ceepower masters key energy storage technologies, creating an integrated chain of R&D, manufacturing, sales, and services. Our products cover a wide range of scenarios, including mobile storage, residential storage, industrial and commercial storage, and large-scale containerized storage.

## Comprehensive Energy Management Platforms

Multiple Software Systems for Different Application Scenarios

Ceepower Energy Internet Management Platforms



We use big data, load modeling, and electronic power technologies to develop advanced energy management systems. Ceepower has developed a series of online platforms, including an Intelligent Charging Management Platform for EV mobile charging, an Energy Storage Monitoring and Management System for large-scale projects, a Photovoltaic Power Generation Management Platform for real-time monitoring of power stations, and a Microgrid Energy Management System for intelligent energy and service management.

# 04

## Achievement Showcase

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# Project Case

Endless Pursuit of Renewable Energy

## Intelligent Electrical Industry

Fuxia High-Speed Railway	ANEEL Concession Project for 500/230 kV, 230/138/69 kV Substation and Transmission Lines in Brazil
Guangshan High-Speed Railway	CET Digital Smart Ring Main Units Project in Saudi Arabia
Shanshan High-Speed Railway	PLA Project for 50MW Wind Tunnel Research and Testing Zone in China
Guinan High-Speed Railway	Hangzhou Bay Cross-Sea Bridge Project
Lixiang Railway	Beijing Daxing International Airport Project
Qingzang Railway	Tianjin Carrier Rocket Industrialization Base Project
Hukun Railway	Southeast China Big Data Industry Park Project
Lanxin Railway	Ordos International Green Internet Data Center Project
Jingjin Intercity High-Speed Railway	Wuhan MixC Complex Project
Jinghu High-Speed Railway	Fujian Provincial Party School of the China Communist Party Project
Jintang Railway	Fuzhou Digital China Exhibition Center Project
Jingxiong Railway	Ningde Renewable Energy Technology Interactive Digital Lean Factory Project
Jituhun Railway	Yongrong Technology Group Chemical Project
Huhang High-Speed Railway	Wuhan Military World Games Project
Hefu High-Speed Railway	Fuzhou Strait Olympic Sports Center Project
Wuguang Railway	Fuzhou Changle International Airport Project
Xiashen Railway	Lufeng Nuclear Power Plant Project
Fuzhou Metro	Rongqiao Sino-Singapore International School Project
Xiamen Metro	Fuzhou Dragon Harmonious Gold Center Project
Guangzhou Metro	Xiamen University Project
	Fuzhou University ZhiCheng College Project
	Jinhui Huai'an Peninsula Project

## Renewable Energy Industry

- 60 MW / 240 MWh BYD Solar Storage and Energy Recovery Integrated Project in the Chongqing Bishan Integrated Smart Zero-Carbon Plant
- 48 MW / 96 MWh Incremental Distribution Network Energy Storage Project in Xuwei New District, Lianyungang City
- Heqingtian 100 MW Photovoltaic Power Generation Project for Jinchang Runxin Renewable Energy Co., Ltd. in Yongchang County
- 7 MWp Distributed Photovoltaic Project in Hubei Province
- 30.4 MW Distributed Photovoltaic Project in Hengli Industrial Park, Yingkou City
- 4.8 MW Rooftop Distributed Photovoltaic Project for Huaigang Special Steel Co., Ltd.
- 200 MW Photovoltaic Area B Section PC Project for State Grid Inner Mongolia Renewable Energy Co., Ltd. in Hongnijing
- 11 MW Distributed Photovoltaic Construction Project in Mingdi Factory Area
- 40 MW Wind Power Project for Three Gorges Xinnengpingnan Power Generation Co., Ltd. in Pingnan County
- 20 MWp Agricultural-Photovoltaic Complementary Power Generation Project in Xiaoxian County
- 7 MWp Distributed Photovoltaic Power Generation Project for XingCheng Special Steel Co., Ltd. in Jiangyin City
- 12 MW Rooftop Distributed Photovoltaic Power Generation Project for Zhongbo Logistics Co., Ltd. in Heze City
- Microgrid Photovoltaic Project Construction and Installation Engineering in Huaneng Nanjing Binjiang Development Zone
- Power Generation Project for Jiayang Everbright Environmental Protection Energy Co., Ltd.
- Shanxi Aojiawan and Jijialiang Wind Farms Project
- Chengnan Bus Station Charging Facilities and Equipment
- Charging Station Construction Project for Jingtai Expressway Service Area
- Phase II New Energy Charging Station Expansion Project at Qian Bus Station
- Bus Hub Charging Station Project for Handan Public Transportation Group

### CET Digital Smart Ring Main Units Project in Saudi Arabia

**Contracting Scope:**  
Cable Accessories Supply for Intelligent RMU

Under Saudi Vision 2030, the power sector is undergoing digital transformation, focusing on distribution networks. Following the smart meter project, over 30,000 smart grid devices have been deployed in the Central and Eastern regions, accelerating automation and intelligence.



## Intelligent Electrical Projects

### Heqingtian 100 MW Photovoltaic Power Generation Project for Jinchang Runxin Renewable Energy Co., Ltd. in Yongchang County

**Contracting Scope:**  
100 MW PV Power Generation Project with 20 MW / 40 MWh Energy Storage System

The project features a 120 MWp DC and 100 MW AC capacity, spanning 1,670,835 m<sup>2</sup> across 30 PV units. Equipped with a 20 MW / 40 MWh storage system and 30 inverter enclosures, power is collected via four 35 kV lines to a 330 kV substation.



## Renewable Energy Projects



### Chengfei No.17180 Factory Building Project for Sichuan Construction Group

**Contracting Scope:**  
Distribution Electrical Equipment(High and Low Voltage Switchgear ) Supply

Factory Building No. 17180 is a major project for Chengdu Aircraft Industry Group, representing the largest and most advanced assembly facility in the industry.



### Deployment of Mobile Charging Robots in Multiple Zero-Carbon Service Areas

INTEPO robots have been launched and are now operational at the Fengjiawan Service Area in Hainan and at the Jinshan Light Storage and Charging Intelligent Station in Fuzhou. These robots also serve at the Wuyishan Zero-Carbon Scenic Area, supporting tea leaf transportation during peak harvest times and ensuring a stable electricity supply.

### Haichen Energy Storage Chongqing Manufacturing Base Project

**Contracting Scope:**  
10 kV High Voltage Switchgear Supply

The project is located in Chongqing's new-generation energy storage lithium battery research and production base, marking the city's first fully-assembled lithium chemical energy storage endeavor.



### BYD Solar Storage + Energy Recovery Integrated Project

**Contracting Scope:**  
Design, Procurement, and Construction of the Entire Project

This is currently the largest single-user photovoltaic storage project in China, featuring a 60 MW / 240 MWh energy storage system, a 10 MW photovoltaic system, and an energy recovery system. With a peak capacity of 67 MW, it is the core component of the Bishan Integrated Smart Zero-Carbon Power Plant.



# Global Communication

## Global Exhibition

Ceepower actively participates in international electrical and energy exhibitions, showcasing its latest innovations and solutions. The company will expand its global presence by collaborating with partners to address industry challenges and pursue sustainable strategies.



## Headquarters Tour

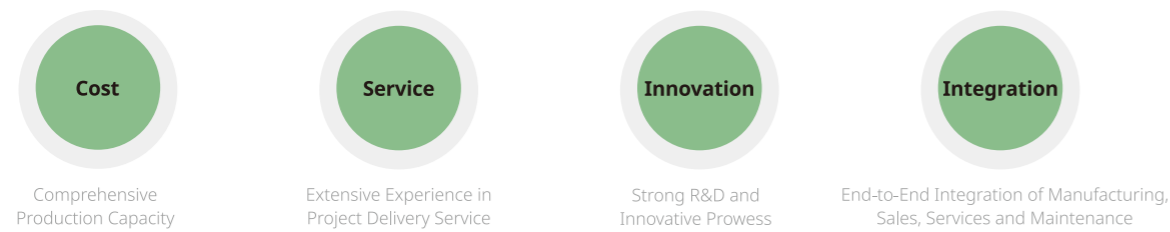
Ceepower invites industry leaders, academics, and partners worldwide to experience our advanced electrical and energy technologies at headquarters, demonstrating our commitment to green, smart solutions and sustainable innovation.



# Partners

Ceepower consistently prioritizes 'Creating Value for Customers', offering professional services, and fostering long-term mutually beneficial partnerships with numerous clients.

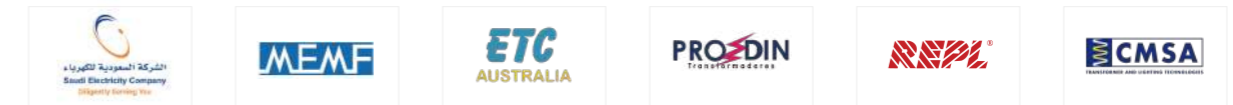
## Collaborative Advantages



## Large State-Owned and Central Enterprises



## Global Partners



## Energy Industry Enterprises



## Owner Units



## Project Units



# ESG

(Environmental, Social, and Governance)

## Industry-Academia-Research Collaboration

Ceepower actively promotes university-industry cooperation, working closely with domestic higher education institutions. It is recognized as the Fujian Province Postdoctoral Innovation Practice Base and collaborates with Wuhan University and Fujian Polytechnic Normal University to establish joint industry-academia-research bases.

In the energy sector, Ceepower focuses on sustainable development and technological innovation, integrating educational resources, academic research, and industry practices to drive innovation and development



## Engagement in Social Welfare

Driven by the philosophy of "Innovate in Energy, Serve the Society through Industry," Ceepower actively promotes renewable energy and fulfills social responsibilities.

- Implementing the national Poverty Alleviation Strategy, engaging in government-led poverty relief and assistance activities
- Contributing to the East-West Poverty Alleviation Cooperation Project by donating to the poverty alleviation and development leading group in Xiaoxian County, Anhui Province
- Accumulated donations totaling 5 million RMB to Wuhan University
- Participating in Fujian Charity Association donation activities
- Providing supplies to multiple Chinese universities
- Donated protective supplies during the COVID-19 pandemic
- Assisting impoverished employees










## Renewables Expand Under "Dual-Carbon" Strategy

Since 2016, Ceepower has expanded into the photovoltaic and renewable energy vehicle industries. In 2020, Ceepower collaborated with state-owned and central energy enterprises, extending operations to Beijing, Hainan, Jiangsu, Guangdong (Guangzhou), Hebei, and other regions.

### Sustainability Achievement

- Over 60 MW Self-owned Centralized and Distributed PV Power Plants (Historical Cumulative)
- Over 1.4 GW in PV Power Generation Business Volume
- Over 550 MWh Energy Storage Installed
- Saving over 444,097 Tons of SCE(Standard Coal Equivalent)
- Reducing Dust Emissions by around 90,381 Tons
- Reducing Carbon Dioxide Emissions by over 1,076,159 Tons
- Reducing Sulfur Dioxide Emissions by around 11,465 Tons

# Contact Us

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