



新能源业务领域 RENEWABLE ENERGY BUSINESS AREA

中能电气股份有限公司

地址:福州市仓山区金山工业区金洲北路20号

集团官网: <http://www.ceepower.com>

产品及技术支持: 400062-0666

服务总机: 0086-591-86550308

邮箱: ceescb@ceepower.com

Company Address:

20 Jinzhou North Road, Jinshan
Industrial Park, Cangshan District,
Fuzhou, Fujian Province

Email: global@ceepower.com

Whatsapp: +1 (626) 298-9924



Building a Greener Energy Landscape

持续开拓新能源赛道

跟随国家双碳发展战略，聚焦新型电力系统，中能电气凭借电力行业的深厚积累与技术沉淀，协同发力绿色新能源服务，以板块间相互借力，大力发展光伏、新能源电动汽车充电、储能三大领域，加速推进新能源新产品，积极构建光、储、充一体化优势，满足市场多元化需求，服务客户主要为国内大型能源企业、工商业高耗能企业等。

Following China's dual-carbon strategy, Ceepower focuses on modern power systems, driving advancements in photovoltaic power generation, EV charging, and energy storage. By integrating these sectors, it builds a solar-storage-charging ecosystem to meet diverse market needs, serving major energy enterprises and high-energy-consuming industries in China.

ENERGY INTERNET
SYSTEM SOLUTION
PROVIDER



Business Scope

业务覆盖



光伏发电领域：

光伏电站持有运营
新能源及光伏发电工程总包

Photovoltaic Power:
Operation of photovoltaic power plants ;
EPC services for renewable energy and photovoltaic power generation projects.



新能源汽车充电领域：

充电桩生产、销售
充电站、光储充一体站建设运营
储充产品研发制造

EV Charging Solutions:
Manufacturing and sales of charging stations ;
Construction and operation of charging stations and solar-storage-charging integrated stations ;
R&D and manufacturing of storage and charging products.



储能领域：

储能方案设计及配套产品、储能系统集成服务
储能及光储充项目EPC

Energy Storage:
Energy storage solutions design and products supply ;
Energy storage system integration services;
EPC services for energy storage and solar-storage-charging projects.

1.4_{GW}

截至2024
光伏发电领域业务量超1.4GW

By 2024, Ceepower Achieved
Over 1.4 GW in Photovoltaic Power
Generation

550_{MWh}

截至2024
储能装机容量超550MWh

By 2024, Ceepower Achieved
Over 550 MWh in Energy Storage
Capacity



Storage-Charging Series

新能源储充系列产品

瞄准新能源车、桩、网一体化建设需求，中能电气在新能源汽车充电领域陆续推出交直流充电桩产品、智慧移动储充产品、软件服务系统，不断创新新能源充电模式，为客户提供专业数智化、可定制的“光储充”一站式建设管理服务。

To meet the growing demand for integrated EV-Charging-Grid solutions, Ceepower has introduced various DC/AC charging stations, smart mobile energy storage-charging products, and software systems. These innovations enable professional, customizable, and digitalized one-stop solar-storage-charging services.



交直流充电桩

AC/DC Charging Station Series



移动充电系列

Mobile Charging Series



光储充一体机

Solar-Storage-Charging Integrated Equipment



充电连接头

EV Charging Gun Series



Mobile Storage-Charging Series

移动储充产品



自动驾驶储充机器人 R系列

Autonomous Charging-Storage Robot - R Series

一键召唤，随叫随到

在AIoT技术支持下，可以自主导航、动态避障、精准到达指定位置。
One-Click Summon, Always on Demand
Powered by AIoT technology, the systems offer autonomous navigation, obstacle avoidance, and precise positioning.

车规级储能，快速充电系统

搭载车规级的储能设备，兼容多种规格的充电服务能力。
Automotive-Grade Energy Storage and Fast Charging System
Equipped with automotive-grade energy storage systems, offering diverse charging options for EV owners.

智能化运营模式

基于微服务架构构建统一运营管理平台，提供云-边-端一体化服务。
Intelligent Operation Platform
A unified management platform based on micro-service architecture delivers seamless cloud-edge-terminal integration.

一机多能，全场景适用

具备“储能+充电桩+应急电源+移动”等能力，随时随地满足用电需求。

Multi-Functional for All Scenarios

Combines energy storage, charging station, emergency power, and mobility into one intelligent solution.

峰谷套利，效益极佳

搭载140/180/240kWh大容量储能电池，通过峰谷套利，平衡需求，节约成本。

Peak and Valley Energy Trading for Optimal Returns

Equipped with 140/180/240 kWh high-capacity batteries, reducing costs by balancing load and utilizing peak-valley arbitrage.

便捷服务，高效运行

线上小程序召唤，线下工作人员操作移动到指定地点，提供便捷高效的智能充电服务。

Convenient and High-Performance Services

Easily summoned online, with on-site staff delivering intelligent & efficient charging services.

移动储充机器人 S系列

Mobile Storage-Charging Robots - S Series



移动共享机器人 X系列

Mobile Charging Robots - X Series

运营高效，共享服务

无需增容、快速部署，让每个停车位都是充电位；
60kW高输出功率，让设备流转更快，供更多车主共享服务。

Efficient Shared Services

Quick deployment without capacity expansion, making every parking spot a charging spot.

60 kW high-power output enables fast charging, providing efficient service to more EV owners.

助力牵引，操控简单

助力式动力底盘，移动灵活、轻松上手。

User-Friendly Mobility

Powered chassis for higher mobility and easier operation.

小巧机身，灵活移动

680mm小巧机身，紧凑空间也可自由穿梭。

Small Design for Tight Spaces

680 mm width for flexible movement even in confined spaces.

快速部署，零基础无需扩容

简化传统储能电站繁琐流程及环节，在多种用户侧储能场景快速落地，部署后即可使用。

Rapid Deployment with Zero Expansion

Simplifies the installation process and supports immediate setup in various user-side energy storage scenarios.

安全性高，整车车规级

整车配置车规级多重防护系统，智能控制系统，可安全部署在室内作业应用场景。

High Safety Standards

Automotive-grade energy storage, protection and smart control systems for indoor and outdoor operations.

复合运营，经济性优

支持峰谷套利，平衡需求、动态增容、紧急备电等多种运营方式，满足多样化需求。

Flexible and Cost-Effective Operation

Supports peak-valley arbitrage for cost optimization, demand balancing, emergency backup, and dynamic capacity expansion. Tailored for diverse needs.

移动储能机器人 ME系列

Mobile Storage Robots - ME Series



Energy Storage Series

储能系列产品

放眼全球能源发展，中能电气掌握储能关键技术，发力工商业储能+生活储能两大领域，已形成集储能产品研究、开发、制造、销售、服务于一体的完整产业链，为客户提供专业的储能系统解决方案。

Ceepower specializes in energy storage technologies, focusing on both industrial and residential solutions. It has built a complete value chain encompassing research, development, manufacturing, sales, and service of energy storage products, providing professional energy storage systems.

分布式风冷储能系统
Distributed Air-cooling Energy Storage Systems



分布式液冷储能系统
Distributed Liquid-cooling Energy Storage Systems



针对不同的应用场景，实现并网供电、离网供电、削峰填谷、静态无功补偿等功能，为用户提供绿色、环保的高可靠、安全性用电服务。

These systems support various applications, including grid-connected power supply, off-grid power supply, peak shaving, and static reactive power compensation, providing users with reliable, green, and safe electricity services.

阳台光储式便携电源

Balcony Solar-Storage & Portable Power Series

提供家庭、户外、出行三大场景的家庭绿色用电生态解决方案。

Offering green electricity solutions for home, outdoor, and travel scenarios.

S2500

阳台光储式便携电源S2500
Balcony Solar-Storage & Portable Power Station S2500



2560Wh超大容量	2560Wh Large Capacity
兼容99%日常电器	Compatible with 99% of Everyday Appliances
1小时充满80%	80% Charge in 1 Hour
BMS十重防护APP智能控制	10-Layer BMS Protection and Smart APP Control
集合7类接口 可同时带14个设备	7 Types of Interfaces, Supports Up to 14 Devices Simultaneously

S1000

阳台光储式便携电源S1000
Balcony Solar-Storage & Portable Power Station S1000



兼容99%的微逆系统，匹配无需通信，功率可精准控制。	Compatible with 99% of Micro-Inverter Systems, No Communication Needed, Precise Power Control
即插即用，安装简单	Plug and Play, Easy Installation
智能锂电模块设计，支持5个电池包堆叠式并联	Smart Lithium Battery Module Design, Supports Up to 5 Stacked Battery Packs
BMS十重防护IP65防护等级	10-Layer BMS Protection, IP65 Rating
配置智能插头，电器能耗实时监控	Equipped with a Smart Plug for Real-Time Monitoring of Appliance Energy Consumption

S230

直流便携电源S230
DC Portable Power Station S230



小型便携式直流储能电源S230，支持光伏和市电(Type-C接口)充电，适用于各种低功率直流设备，如手机、笔记本电脑等，其轻巧便携的设计使其特别适用于电力基础设施不足的地区，如东南亚、非洲偏远地区。

S230 is a compact portable DC energy storage unit that supports both solar and grid (Type-C) charging. It is suitable for powering various low-power DC devices such as smartphones and laptops. Its lightweight and portable design make it particularly ideal for areas with limited power infrastructure, like Southeast Asia and remote regions of Africa.

工商业储能

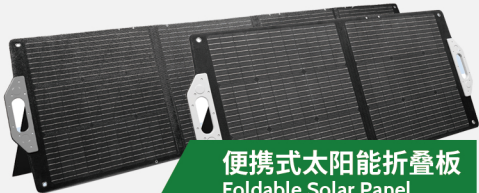
Industrial & Commercial Energy Storage

便携式储能

Portable Energy Storage Series



便携式储能电源
Portable Power Station



便携式太阳能折叠板
Foldable Solar Panel

Integrated Energy Management System

综合能源管理系统



- ✓ **全量储能数据管理**
实现储能大数据积累和运营运维过程的全面感知。
Full-Scale Storage and Charging Data Management
Collects extensive energy storage data and provides full insight into the operation and maintenance process.
- ✓ **能源调度高效灵活**
实时判别负荷需求和能源供应情况，智能调度移动能量魔方产品。
Efficient and Flexible Energy Scheduling
Real-time identification of load demand and energy supply conditions, with intelligent scheduling of mobile energy cube products.
- ✓ **数据驱动可靠支持**
通过对数据的深度挖掘和实时可视化，为相关运维管理提供可靠支撑。
Data-Driven and Reliable Support
Deep data analysis and real-time visualization provide reliable support for operation and maintenance management.

智慧充电管理云平台
Intelligent Charging Management Platform



- ✓ **全程监控实时监测**
设备、人员、流程全程监控，电力设施实时监测，安全有保障。
Real-time Monitoring and Full Process Surveillance
Offering real-time monitoring of electrical equipment, personnel, and processes throughout, ensuring safe operations.
- ✓ **实现电站总览，提升收益**
统筹电站整体运行情况，通过电站总览，实现监控电站运行数据效益趋势转化。
Enhanced Returns with Station Overview Function
Provides an overview of the station's operation, enabling data monitoring and tracking performance trends.
- ✓ **全面提升管理安全性及可靠性**
监测电力设施运行环境，避免各种恶劣环境带来设备损坏，有效防护运维人员。
More Secure and Reliable Management
Monitors the operating environment of power facilities, preventing equipment damage and ensuring the safety of operation staff.

光伏发电管理平台
Photovoltaic Power Generation Management Platform



- ✓ **灵活配置运行策略**
具备灵活简便的运行策略配置工具，满足不同应用场景下的控制策略需求。
Flexible Operation Strategy
Offers a flexible and user-friendly configuration tool to meet control strategy requirements across various application scenarios.
- ✓ **通信系统简单可靠**
具有丰富的规约通信协议库，提升通信速率及可靠性。
Simple and Reliable Communication System
Equipped with a comprehensive protocol library, enhancing communication speed and reliability.
- ✓ **数据容量大性能稳定可靠**
采用高性能的调度系统软件平台，支持超大信息容量接入。
Large Data-Storage Capacity with Stable, Reliable Performance
Utilizes a high-performance scheduling software platform, supporting large-scale data integration.

储能监控及能量管理系统
Energy Storage Monitoring and Management System



- ✓ **分层分布式系统结构**
采用分层分布式设计，可根据项目规模及客户需求进行配置。
Hierarchical and Distributed System Architecture
Features a hierarchical and distributed design, providing customized configuration based on project scale and customer requirements.
- ✓ **可自定义能量管理策略**
多功能模块集成，根据用户及应用场景选择多种能量管理策略。
Customizable Energy Management Strategies
Integrates various functional modules, offering multiple management strategies based on user demands.
- ✓ **无人值守的智能运维**
具备逻辑判别的智能顺序控制功能，对微电网进行智能化运维操作，最大程度实现无人值守。
Unmanned Intelligent Operation and Maintenance
Features intelligent sequence control for autonomous detection of the microgrid, enabling unmanned management.

微电网能量管理系统
Microgrid Energy Management System

Featured Cases

经典工程案例



连云港徐圩新区增量配电网48MW/96MWh储能项目
48 MW / 96 MWh Incremental Distribution Network Energy Storage Project in the Xuwei New District, Lianyungang City

湖北劲华7MWp分布式光伏项目
7 MWp Distributed Photovoltaic Project in Hubei Province

辽宁（营口）恒力产业园30.4MW分布式光伏项目
30.4 MW Distributed Photovoltaic Project in Hengli Industrial Park, Yingkou City

淮钢屋顶4.8MW分布式光伏项目
4.8 MW Rooftop Distributed Photovoltaic Project for Huaiqiang Special Steel Co., Ltd.

国电电力内蒙古新能源红泥井200MW光伏区B标段PC项目
200 MW Photovoltaic Area B Section PC Project for State Grid Inner Mongolia Renewable Energy Co., Ltd. in Hongjijing

三峡新能源福建屏南灵峰40MW风电项目
40 MW Wind Power Project for Three Gorges Xinnengpingnan Power Generation Co., Ltd. in Pingnan County

萧县新庄20MW农光互补光伏发电项目
20 MW Agricultural-Photovoltaic Complementary Power Generation Project in Xiaoxian County

江阴兴澄特钢7MW分布式光伏发电项目
7 MW Distributed Photovoltaic Power Generation Project for XingCheng Special Steel Co., Ltd. in Jiangyin City

山东菏泽中铂物流 12MW 屋顶分布式光伏发电项目
12 MW Rooftop Distributed Photovoltaic Power Generation Project for Zhongbo Logistics Co., Ltd. in Heze City

华能南京滨江开发区微电网光伏项目建筑安装工程
Microgrid Photovoltaic Project Construction and Installation Engineering in Huaneng Nanjing Binjiang Development Zone

山西刘家湾、季家梁风电场
Shanxi Aojiawan and Jijialiang Wind Farms Project

城南公交站场充电设施设备
Chengnan Bus Station Charging Facilities and Equipment

京台高速服务区充电站建设项目
Charging Station Construction Project for Jingtai Expressway Service Area

齐安公交总站二期新能源充电站扩建工程
Phase II New Energy Charging Station Expansion Project at Qian Bus Station

