

CSG 科大智能

股票代码:300222

科大智能科技股份有限公司

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深耕电力行业，以智能控制技术为核心
“数字能源”与“数字工业”双轮驱动
实现“能源更高效、设备更智能”的美好愿景

Deep plowing into the power industry, centering on intelligent control technology
Dual-wheel drive of "digital energy" and "digital industry"
Realize the vision of "more efficient energy and more intelligent equipment"

ENTREPRENEURIAL MISSION

企业使命

创造价值 分享价值

SHARING VALUE CREATING VALUE



ENTREPRENEURIAL VISION

企业愿景

智能科技 智慧未来

SMARTER TECHNOLOGY SMARTER FUTURE



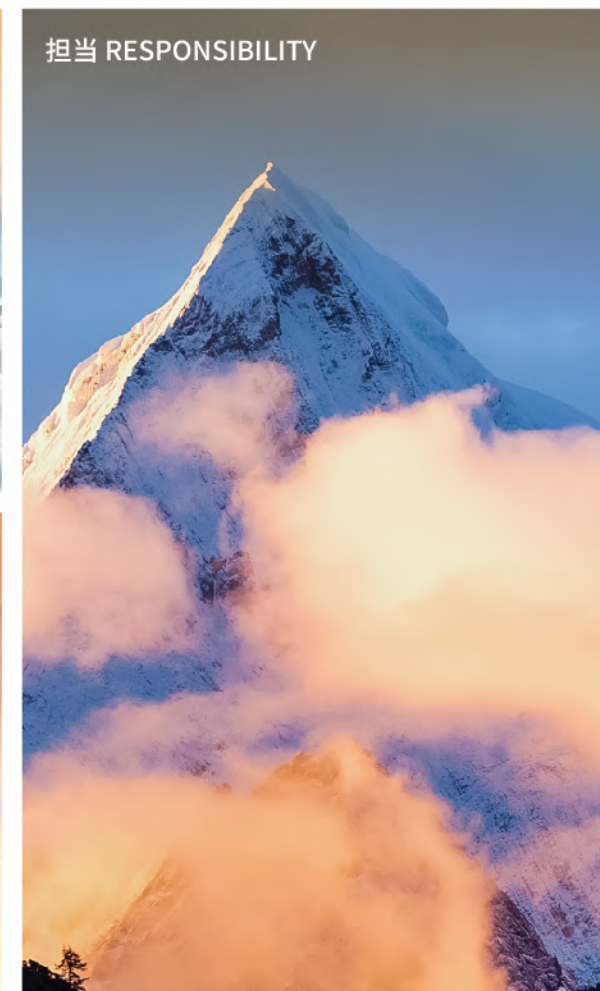
ENTREPRENEURIAL VALUES

企业核心价值观

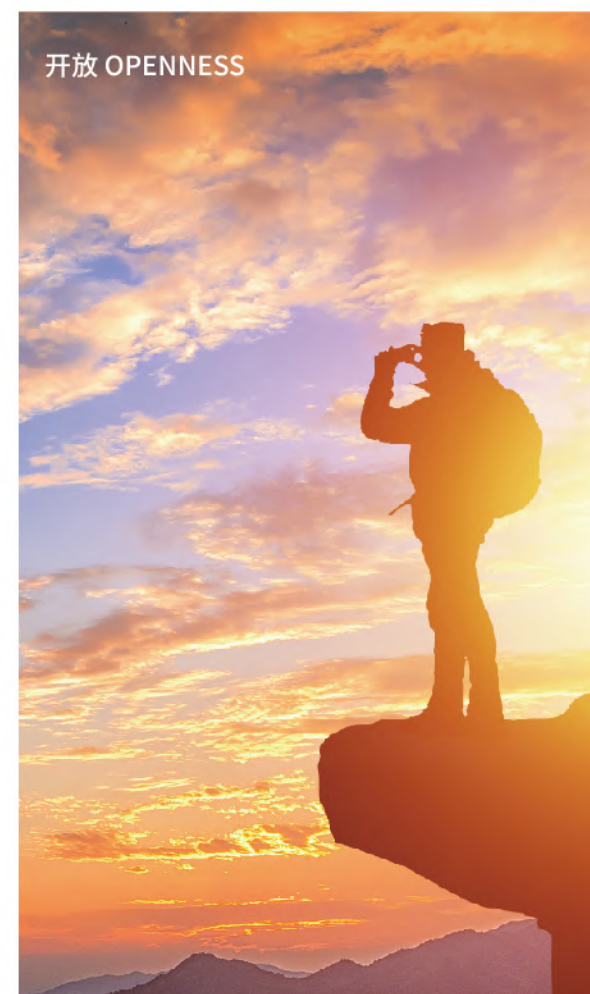
诚信 INTEGRITY



担当 RESPONSIBILITY



开放 OPENNESS



创新 INNOVATION



Smarter Technology
Smarter Future
智能科技 智慧未来



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CSG SMART SCIENCE & TECHNOLOGY CO., LTD.

科大智能科技股份有限公司



科大智能科技股份有限公司（以下简称“科大智能”）成立于2002年，于2011年5月在深圳证券交易所创业板正式上市（股票代码：300222）。公司是国家企业技术中心、高新技术企业、上海市制造业百强企业，自主创新和重点新产品企业。公司聚焦“数字能源”，深耕电网行业超过20年，积累了以智能控制技术为核心的数字化产品及解决方案。

CSG Smart Science & Technology Co., Ltd. (“CSG”) was founded in 2002 and officially went public in May 2011 on the GEM Board of Shenzhen Stock Exchange (stock code: 300222). The company was recognized as "National Enterprise Technology Center", "High-tech Enterprise", "Shanghai Top 100 Manufacturing Enterprises", "Independent Innovation and Key New Product Enterprise". With strategic focus on "Digital Energy" and over 20 years of experience in the power grid industry, CSG has accumulated digital products and solutions centered on intelligent control technology.

在以新能源为主体的新型电力系统发展趋势的引领下，公司积极布局模块化储能及微电网控制技术，形成集配电、用电、充电及储能为一体的分布式新能源“源网荷储”产品体系。利用数字技术引导能量有序流动，有效支撑传统电网与新能源电力系统的有机融合，实现“能源更高效、设备更智能”的美好愿景。

Led by the development trend of new electric power industry mainly based on new energy, CSG has actively laid out modularized energy storage product and microgrid control technology, forming an comprehensive product framework that ingerates power distribution, power consumption, charging and energy storage. CSG utilizes digital technology to guide the orderly flow of energy, effectively support the organic integration between the traditional grid and the new energy power system, realizing the vision of "more efficient energy, more intelligent equipment".



上市 Go Public

深交所创业板上市 (股票代码300222)
Went public at Shenzhen Stock Exchange Gem (Stock code 300222).

2011年



拓展 Expansion

发力新能源充电桩技术研发, 实现全国营销、产品、售后网络全覆盖
Force new energy charging pile technology research and development, To achieve full coverage of the national marketing, product, after-sales network.

2015年



深耕 Deep Ploughing

科大智能始终保持垂直领域领先地位, 持续积累工业生产智能化行业经验
CSG has always maintained a leading position in several segments and continues to accumulate experience in the industrial production intelligence industry.

2016年



新征程 New Journey

储能智能制造产线升级投产, 逐步形成以模块化储能及微电网控制为核心的分布式数字新能源全景解决方案
Full scenario Energy storage solutions were launched. Production line of battery pack put into use.

2023年

2002年

成立 Establishment

中科大注资, 科大智能前身成立
The company originated from USTC and starts its Intelligent Electrical Apparatus business in 2002.



2014年

布局 Strategic Blueprint

立足智能电网, 开启“电网+工业智能自动化”融合拓疆之旅
Based on the smart grid, start the expansion journey of integrated "grid+industry intelligent automation".



2019年

开拓 Development

确立“数字能源”与“数字工业”两大战略格局, 凭借对智能电网发展趋势的深刻理解, 将数字化技术全面应用于新能源领域
"Digital energy" and "digital industry" was established as two strategic directions. With a deep insight into the development trend of smart grids, we apply digital technology to the new energy field.



INDUSTRIAL LAYOUT

产业布局

科大智能，以数字能源与数字工业为双轮驱动战略，精心布局未来产业蓝图。

数字能源领域涵盖中低压配电核心设备、工商业储能系统、汽车电源全系列产品。在工业领域打造智能机器人应用生态，含工业机械手、堆垛机及特种机器人，辅以自研软件控制平台，助力客户转型升级。

智能领航，布局未来，引领产业发展新风尚。

CSG, with its dual-wheel drive strategy centered on digital energy and digital industry, meticulously lays out the blueprint for future industries.

In digital energy, it encompasses medium and low-voltage core power distribution equipment, C&I energy storage systems, and a full range of automotive power supply products. In the industrial sector, CSG creates an ecosystem of intelligent robot application, comprising industrial robots, stackers, and specialized robots, complemented by self-developed software control platforms for customers' transforming and upgrading.

With intelligence as its compass, CSG charts the course for the future, pioneering new trends in industrial development.



中压&低压

Medium voltage & Low pressure

科大智能电气技术有限公司

CSG Smart Electrical Technology Co., Ltd

配用电一二次成套类产品

Primary and secondary complete sets of products



工商业储能

Industrial and commercial energy storage

科大数字(上海)能源科技有限公司

CSE Energy & Technology Co., Ltd.

工商业储能系统

Commercial & industrial Energy Storage System



汽车电源

Automotive power supply

科大智能(合肥)科技有限公司

CSG (Hefei) Smart Science & Technology Co., Ltd

家庭充电全系产品

Charging piles series for household

松果能源(合肥)科技有限公司

Pinecone Energy (Hefei) Smart Science & Technology Co., Ltd

直流超充全系产品

DC charging piles series



机械手

Manipulator

上海永乾机电有限公司

Shanghai New-Tronics M&E Co., Ltd.

客制化工业机械手

Customerized industrial manipulator



堆垛机

Stacker

深圳市宏伟自动化设备有限公司

Shenzhen HW Automation Equipment Co., Ltd.

全场景立体堆垛机

Full-scene three-dimensional stacker



智能机器人

Intelligent robot

合肥科大智能机器人技术有限公司

Hefei CSG Intelligent Robot Technology Co., Ltd.

特种机器人及运维系统

Specialized robots & intelligent O&M system

DIGITAL ENERGY 数字能源

对电网的深厚理解+核心智能控制技术

利用数字技术，引导能量有序流动

构筑更高效、更经济、更安全的现代能源体系

有机融合电网和新能源解决方案，推动传统电网向能源互联网转型

打造源网荷储一体化应用场景

Deep understanding of power grid + Core intelligent control technology

Use digital technology to direct the orderly flow of energy

Build a modern energy system that is more efficient, more economical and more secure

Organic integration of power grids and new energy solutions to promote the transformation of traditional power grids to energy Internet

Create an integrated application scenario for source-network-load storage

MAIN PRODUCTS

主要产品

中低压配电网

Medium and low voltage distribution network



智能断路器
Smart circuit breaker



数字环网柜
Digital ring main unit



用电终端
Power terminal



量测开关
Measuring switch

新能源-新型电力系统

New energy-new electric power industry



模块化储能
Modular EESS



预制舱式储能
Self-contained EESS



智慧交流桩
Smart AC charging piles



直流超充桩
DC super charging piles

专注于能源领域产品研发23年

Focus on product research and development in the energy field for 23 years

产品畅销全国32个省级自治区
全国销量1000万+

Products sold well in 32 provincial autonomous regions
National sales volume 10 million+

配电一二次成套类产品全国第一梯队

The first echelon of complete sets of power distribution products in the country

近三年中标量名列前茅
引领行业多项产品标准

Ranked among the best in terms of scalar volume in the past three years
Leading multiple product standards in the industry

引领源网荷储微电网数字化技术

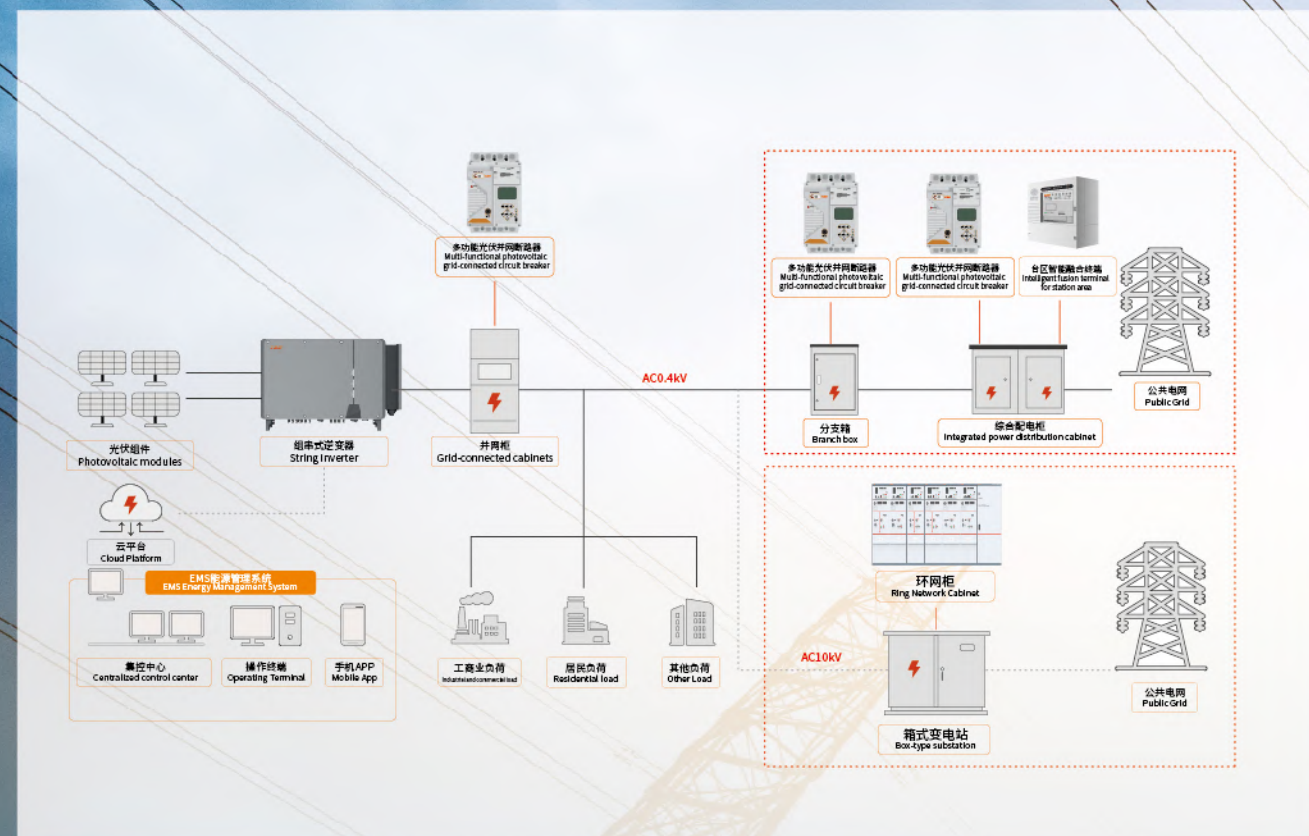
Leading the digitization technology of source network load storage microgrid

多场景多业务算法控制仿真
独有的有源双向配电网智能调度

Multi-scenario and multi-service algorithm control simulation
Unique active two-way distribution network intelligent dispatching

SOURCE- DISTRIBUTED ENERGY CORE EQUIPMENT

源-分布式能源核心设备



解决发电侧痛点问题

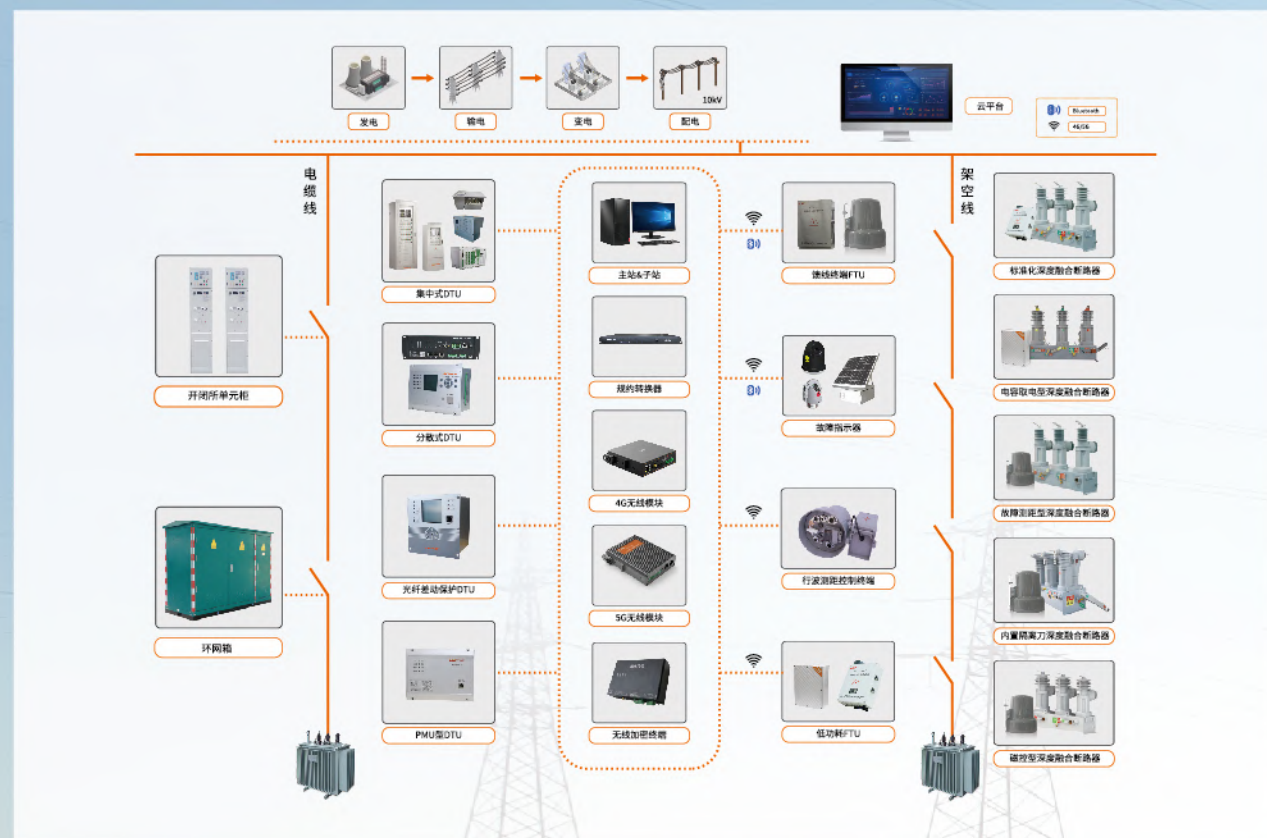
自发自用 降能减耗
功率预测 AI调度
可观 可测 可控 可调

Solve the pain points of power generation side

Self-generation & self-consumption, reducing energy consumption
Power Prediction and Dispatch by AI
Observable, measurable, controllable, adjustable

NET- HIGH RELIABILITY SOLUTION FOR MEDIUM VOLTAGE DISTRIBUTION NETWORK

网-中压配电网高可靠性解决方案



引领行业多项产品标准

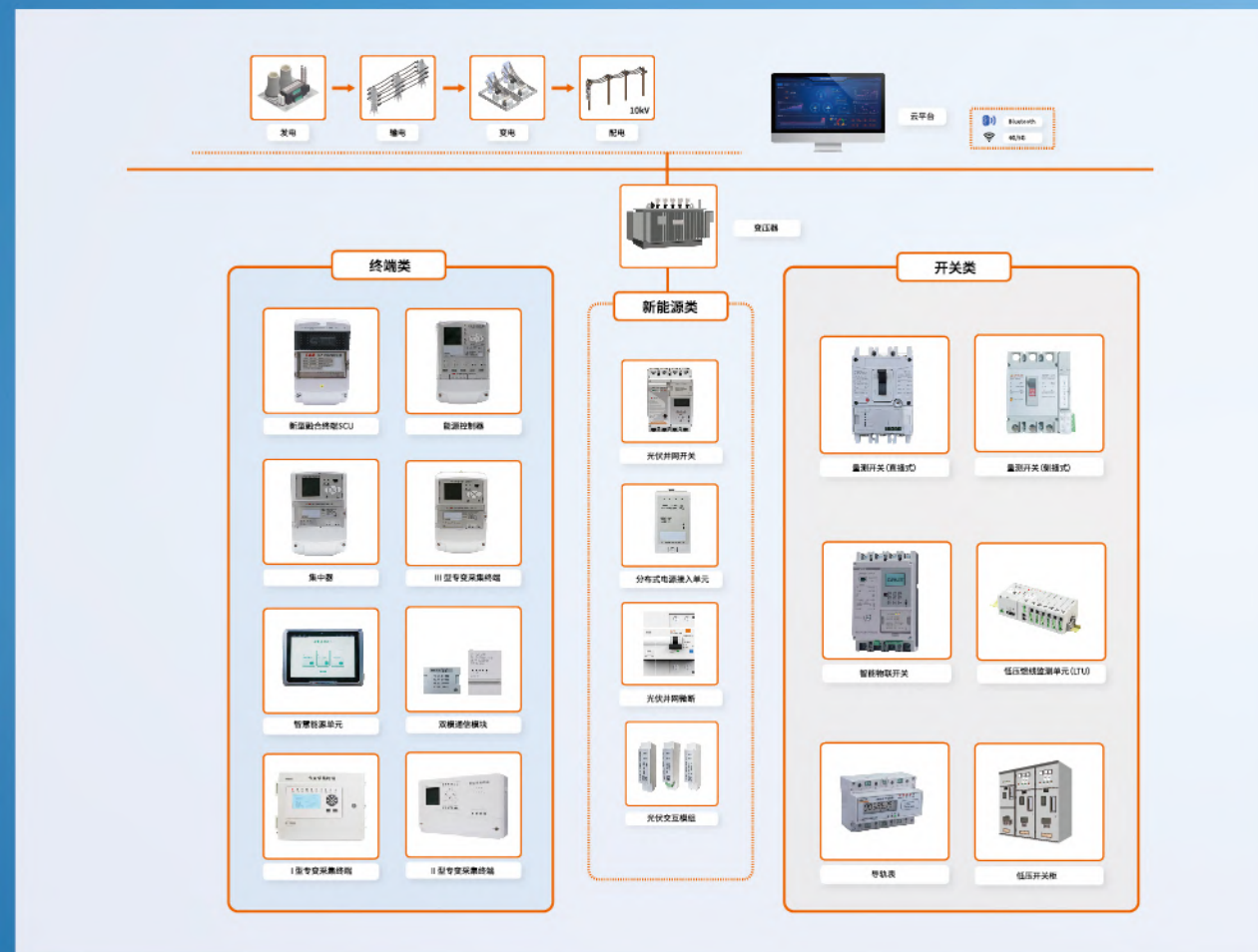
融合“云、大、物、智、移”等现代信息技术
基于先进配电网保护控制策略
解决分布式能源与配电主网的无忧连接
推动“双碳”目标的实现

Leading multiple product standards in the industry

Integrate modern information technologies such as "cloud, big, things, intelligence, and mobile"
Based on advanced distribution network protection and control strategy
Solve the problem of worry-free connection between distributed energy resources and main power distribution network
Promote the realization of the "double carbon" goal

NET- LOW VOLTAGE DISTRIBUTION INTELLIGENT EQUIPMENT

网-低压配电智能设备



深知行业客户需求

拥有丰富的低压产品运行经验
承接国内多项智能用电示范工程
实现园区分布式能源接入控制
解决电动汽车有序充电问题

Understand the needs of industry customers

Have extensive experience in operating low-voltage products
Undertaken a number of domestic smart electricity demonstration projects
Realize distributed energy access control in the park
Solving the problem of orderly charging of electric vehicles

LOAD-HOUSEHOLD CHARGING PILE

荷-家庭智慧充电桩

多家新能源头部车企战略供应商

智能款随车配充电桩，年产能达百万台

关注用户家庭充电场景的多重需求

为1,600,000+用户提供补能服务



Strategic supplier of leading new energy vehicle companies

Intelligent on-board charging piles, with an annual production capacity over one million units

Focus on multiple needs of users' home charging scenarios

Provide energy replenishment services for 1,600,000+ users

LOAD-SERIES DC CHARGING PILES

荷-全系直流充电桩

产品设计及技术覆盖市面主流需求
适配商圈、园区、路网等公共补能全场景
重点服务央企、地方等客户，同时布局海外
提供多样化快速充电解决方案

Covers mainstream market needs with product design and technology
Adapts to all public charging scenarios like business districts, parks, and road networks
Focuses on serving public and private clients while expanding globally
Delivers flexible DC fast-charging solutions



STORAGE-ENERGY STORAGE SOLUTIONS

储-储能解决方案

基于“All-in-One”差异化设计理念的系列化模块储能产品，涵盖100~344kWh容量，既可以用于小型分布式工商业场景，独立部署，也可叠加布置于中大型集中式储能场景，减少整站储能占地面积配置，更具经济价值。

Based on the "All-in-One" design principles, We have released a series of energy storage products, covering capacity ranging from 100kWh to 344kWh. They can not only be used in small-scale distributed commercial and industrial scenarios independently, but also be stacked and arranged in centralized scenes, which reduce the footprint of the overall energy storage site and providing greater economic value.

主要运营项目

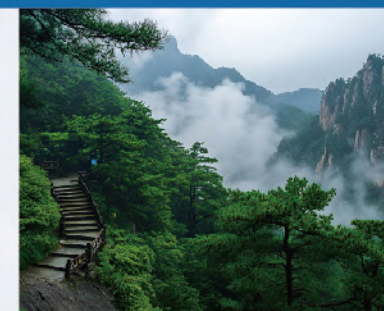


合肥中石化大众综合补能站

Hefei Sinopec Volkswagen comprehensive energy supply station

安徽六安钢铁33MWh储能项目

Anhui Lu 'an Iron and Steel 33MWh Energy Storage Project



安徽友进冠华35MW/70MWh用户侧储能电站

Anhui YJGH 35MW/70MWh Behind-the-Meter ESS



常州东方特钢30MW/60MWh储能项目

ZESS Group Dongfang Special Steel Co., Ltd 30MW/60MWh energy Storage Project



Multidimensional Breakthroughs in Generation-Grid-Load-Storage Systems

源网荷储多维度纵深突破

核心产品自研自产，多环节耦合

从复杂用户侧到一般工商业园区微网

协同提升经济性、稳定性、低碳性，构建能源协同新生态

Full-Stack Control: 100% In-House Engineered & Manufactured Core Products

Applied from Complex End-Users to Industrial Park Microgrids

Building Synergistic Energy Ecosystems: Economy • Stability • Decarbonization

DIGITAL INDUSTRY

数字工业

新能源行业优质客户+夯实的供应链生态

与能源板块相辅相成，以工业定制深厚经验奠定品牌力

利用AI+大数据等前沿科技，帮助基础工业解决工艺痛点问题

提供定制化智能设备，精准适配客户多场景的需求

High-quality customers in the new energy industry + a solid supply chain ecology

Complementing the energy segment, establish the brand with deep experience in industrial customisation

Using AI and other advanced technologies to help basic industries solve process pain points.

Provide customised intelligent equipment to accurately meet customer needs in multiple scenarios.

一站式智能移载装备解决方案

机械手产品汽车行业专用设备销量绝对第一

One-stop intelligent moving equipment solution

Robot products, special equipment for the automotive industry, rank first in sales

提供效益最优的安全运维解决方案

基于自身配用电领域服务经验, 具备软硬件完整优势, 发力轨交领域

Provide the most cost-effective security O&M solutions

Based on service experience in the field of power distribution, with complete advantages in software and hardware, deep-rooted in the field of rail transit



智能堆垛机定制化解决方案服务商

新能源行业堆垛机出货量第一名

Intelligent stacker customized solution service provider

Ranked first in stacker crane shipments in the new energy industry

STRATEGIC COOPERATION 战略合作



科大智能依托领先的智能技术与解决方案,在智能电气、新能源、智能制造等多个领域,与国内外多家头部企业建立深度合作关系。通过资源共享、优势互补,为客户创造更高价值。科大智能所秉承的战略合作,不仅是技术融合与创新的高地,更是推动全产业链转型升级的重要力量。

Relying on the leading intelligent technology and solutions, CSG has established in-depth cooperation relationships with a number of domestic and foreign head enterprises in various fields such as intelligent electric, new energy, intelligent manufacturing, etc. By sharing resources and complementing each other's strengths, we create higher value for our customers. The strategic cooperation adhered to by CSG is not only the high ground of technology integration and innovation, but also an important force to promote the transformation and upgrading of the whole industrial chain.

SOCIAL RESPONSIBILITY

社会责任

作为一家具有高度社会责任感的企业，科大智能坚信“数字能源、美好未来”的发展理念。公司积极响应“碳达峰”“碳中和”相关低碳经济的号召，从节流和开源两方面布局，打造“绿色、低碳、可持续”的发展模式，助力企业从智能降低能耗到探索新能源绿色增长，以科技创新推动全行业良性循环。

As an enterprise with a high sense of social responsibility, CSG firmly believes in the development concept of "Digital Energy for a Better Future". The company actively responds to the call of "Carbon Peak" and "Carbon Neutral" related to low carbon economy, and creates a "green, low carbon and sustainable" development model by cutting down on expenses and opening up resources. It helps enterprises to reduce energy consumption intelligently and explore new energy sources for green growth, and promote the virtuous cycle of the whole industry with scientific and technological innovation.

TALENT DEVELOPMENT

人才发展

科大智能以科学规范的管理为员工提供良好的工作环境和平台，坚持“以文化凝聚人才、以薪酬激励人才、以机制留住人才、以事业造就人才”的人才理念。科大智能为每位员工的成长提供了“双通道多平台”的发展通道，让员工主动参与自己的职业生涯规划，人企和谐发展，最终达成员工个人目标和企业目标的双赢。

CSG provides a good working environment and development platform for employees with scientific and standardized management, and adheres to the talent concept of "uniting talents with culture, motivating talents with salary, retaining talents with mechanism, and cultivating talents with career". CSG provides a "dual-channel multi-platform" development channel for the growth of each employee, allowing employees to actively participate in their career planning, harmonious development of people and enterprises, and ultimately achieve a win-win situation for employees' personal goals and corporate goals.