



 IDEE·SZ

2023国际 数字能源展

INTERNATIONAL DIGITAL
ENERGY EXPO 2023

香港站
HONG
KONG

“数字驱动 能创未来”
CREATING A GREEN FUTURE WITH DIGITAL ENERGY

6.20-23 | 亚洲国际博览馆·香港 | 号馆 5
AsiaWorld-Expo, Hong Kong | HALL 5

指导单位：深圳市发展和改革委员会

主办单位：港华智慧能源有限公司

承办单位：讯通展览公司(香港)

展会场刊 EXHIBITION GUIDE



IDEE · SZ

2023国际数字能源展
INTERNATIONAL DIGITAL ENERGY EXPO 2023

香港站

数字驱动 能创未来
CREATING A GREEN FUTURE WITH DIGITAL ENERGY

6.20-23

亚洲国际博览馆·香港
AsiaWorld-Expo, Hong Kong

5
HALL

展会资料

Exhibition Information

地 點: 香港亚洲国际博览馆5号馆
Venue Hall 5, Hong Kong AsiaWorld-Expo

参观时间: 2023.06.20 - 22
Exhibition Opening Hours (星期二至四 Tuesday to Thursday) 10:30-17:30
2023.06.23
(星期五 Friday) 10:30-16:30

指导单位: 深圳市发展和改革委员会

主办单位: 港华智慧能源有限公司

承办单位: 讯通展览公司(香港)



国际数字能源展—香港站论坛

深港合作，科技赋能零碳未来

6月20日(星期二)

时间	题目 / 主讲者	会议室
国际数字能源展-香港站论坛 (深港合作,科技赋能零碳未来) 指导单位:深圳市发展和改革委员会 主办单位:港华智慧能源有限公司 承办单位:讯通展览公司		
14:00 17:30	开幕式	201
	在新兴市场和发展中经济体释放智能电网机遇 国际能源署3DEN方案主管 Vida Rozite	
	新能源弃电的储能思考 中国南方电网公司特级战略技术专家 郑耀东	
	筑梦大湾区 走向零碳智慧未来 港华智慧能源助理副总裁 曹四海	
	结合数字技术和电力电子技术发动能源革命 华为数字能源业务部首席技术官 梁以文	
	为什么碳权贸易有商机? 香港碳贸易中心有限公司创办人暨首席执行官, 香港立法会前议员 钟国斌	
	碳中和目标下的先进智能建筑外表面材料技术 香港城市大学 能源及环境学院研究员 何梓聪	
	轻柔组件在未来分布式光伏领域及光伏建筑一体化上的应用 重庆奥格新能源集团CEO&总工程师 潘猛	
	零碳科技新力量——无电制冷技术被动式辐射制冷涂层 创冷科技联席创始人&CEO 朱毅豪	
	能源数字化在推动香港电动化发展时遇到的挑战和机遇 金仑控股技术总监 刘伟恩	
数据驱动多维能源服务 时链科技CEO 闫磊		
楼宇制冷能源数智化管理 蘑菇物联副总裁 黄翀		



参展商名单 Exhibitor List

安科瑞电气股份有限公司 Acrel Co., Ltd.5F35

中国南方电网有限责任公司 China Southern Power Grid5C01

香港城市大学能源及环境学院 City University of Hong Kong (SEE) 5B55,5C56

正昌科技(集团)有限公司 Dunwell Technology (Holdings) Ltd.5E25

环球矿业工程技术有限公司 Global Mining Engineer Group Co. Ltd. 5G36

金仑新能源有限公司 Golden Ponder New Energy Company Limited..... 5G01

深圳合一智控科技有限公司 Heyispace.....5E35

香港中华煤气有限公司 Hong Kong and China Gas Company Limited5F15

香港碳贸易中心有限公司 (HKCTC) Hong Kong Carbon Trading Centre Co., Ltd..... 5H56

重庆昊格新能源集团有限公司 HG Energy Group 5G15

华为数字能源技术有限公司 Huawei Digital Power Technologies Co., Ltd.5F01

創冷科技有限公司 i2Cool Limited.....5F25

迈进顾问工程有限公司 Meinhardt (Hong Kong) Ltd.....5D36

蘑菇物联技术(深圳)有限公司 Mogulinker Technology (Shenzhen) Co., Ltd.....5F36

上海临港弘博新能源发展有限公司 Shanghai Lingang Hongbo New Energy Development Co., Ltd....5D35

上海时链节能科技有限公司 Shanghai Time-Chains Technology Co., Ltd.5E36

深圳市科陆电子科技股份有限公司 Shenzhen Clou Electronics Co., Ltd.....5A01

深圳能源集团股份有限公司 Shenzhen Energy Corporation.....5H15

深圳市燃气集团股份有限公司 Shenzhen Gas5A18

深圳市欣旺达能源科技有限公司 Sunwoda Energy Technology Co., Ltd.5H01

香港理工大学机械工程学系 The Hong Kong Polytechnic University (DME) 5B56

TÜV南德意志集团 TÜV SÜD 5C55



安科瑞电气股份有限公司 Acrel Co., Ltd

5F35

上海嘉定区育绿路253号

Tel : 021 6915 8310

Website: www.acrel.cn

安科瑞电气股份有限公司作为一家高科技上市企业（股票代码：300286），集研发、生产、销售、服务于一体，长期专注于为企业微电网提供自动化、数字化、智能化整体解决方案，用户通过一个平台即可掌握企业内部供配电完整情况，助力用户实现可靠、安全、节约、高效、低碳用电目标。

Acrel as a high-tech listed enterprise (stock code: 300286), committed to R & D, production, sales, service, focus on enterprise micro-grid automation, digital, intelligent overall solution, through a platform, users can grasp the integrity of power supply and distribution within the enterprise, helping users to achieve reliable, safe, economical, efficient, low-carbon electricity goals.

中国南方电网有限责任公司 China Southern Power Grid

5C01

广东省广州市黄埔区科翔路11号 邮编：510663

Website: www.csg.cn

中国南方电网有限责任公司负责投资、建设和经营管理中国南方区域电网，为广东、广西、云南、贵州、海南五省区和港澳地区提供电力供应和服务保障。供电面积100万平方公里，供电人口2.72亿人。公司连续18年入围世界500强企业，目前列第89位。

China Southern Power Grid (CSG), guarantees electrical power supply services for Guangdong, Guangxi, Yunnan, Guizhou, Hainan, Hong Kong SDR and Macao SDR. CSG invests in, constructs and operates power networks in Guangdong, Guangxi, Yunnan, Guizhou and Hainan provinces and regions. The service area is 1 million square kilometers, with a population of 272 million. China Southern Power Grid currently rests 89th on the Fortune Global 500 list



香港城市大学能源及环境学院 City University of Hong Kong (SEE)

5B55,5C56

九龙塘达之路83号香港城市大学杨建文学术楼G5703

City University of Hong Kong, Tat Chee Avenue, Kowloon, Hong Kong

Tel : 6747 3632

Website: www.cityu.edu.hk/see

香港城市大学能源与环境学院的目标是成为一个领先的学院，专门从事能源和环境方面的前沿研究，培训能源和环境方面的专业人员，以及为社会利益进行知识转让。

The School of Energy and Environment at City University of Hong Kong aims to be a leading School specializing in cutting-edge research in energy and environment, in the training of energy and environment professionals, and in knowledge transfer for societal benefits.

正昌科技(集团)有限公司 Dunwell Technology (Holdings) Ltd.

5E25

8 Wang Lee Street, Yuen Long Ind. Estate, Yuen Long, N.T., Hong Kong

Tel : 852 2443 8188

Fax: 852 2789 3346

Email: info@dunwellgroup.com

Website: www.dunwellgroup.com

正昌一直积极投入环保技术及新能源的研究与开发工作。近年更在氢能源的发展上取得重大进展。氢气是再生能源领域中一个环保及极巨潜力的能量储存媒介，亦是未来交通的洁淨能源。现时业界面对高昂的氢气运输及储存成本，以及衍生的安全问题。正昌发展的“即时製氢”技术能按使用者的需求即时通过反应产生氢气，跳过对氢气运输及储存的过程，为氢气发展另觅新方向。

Dunwell has been actively engaged in research and development of environmental technologies and clean energy area. In recent years, significant progress has been made in the development of hydrogen energy. Hydrogen gas is an environmentally friendly and highly promising energy storage medium in the field of renewable energy, and it is also a clean energy source for future transportation. Currently, the industry faces challenges such as high costs associated with hydrogen transportation and storage, as well as safety concerns. Dunwell develops “Hydrogen on Demand” technology enables the immediate production of hydrogen gas through reactions based on user demand, bypassing the processes of hydrogen transportation and storage, providing new directions for the development of hydrogen economy.



环球矿业工程技术有限公司

5G36

Global Mining Engineer Group Company Limited

香港新界白石角香港科学园科学大道西19W座3楼305室

Unit 305, 3rd Floor, Building 19W, Science Park West Avenue, Hong Kong Science Park, Pak Shek Kok, New Territories, Hong Kong

Tel : 852 2739 9182

Email: info@gmegsolar.com

Website: gmegsolar.com

我人為世界各國建設光伏電站，為商業樓宇、民宅設計小型電站。我們在內地龐大而有經驗的建設團隊，能夠為客提供各種服務，為海外客戶提供服務，滿足客戶需求。

GMEG Solar is committed to excellence in the solar industry. We provide cost-effective solutions and professional services for all of your solar needs. GMEG Solar has been providing its' customers with friendly service and personalized care. We know that what we do is as much about us as it is about you.

金仑新能源有限公司

5G01

Golden Ponder New Energy Company Limited

Flat 2901, China Resources Building, No.26 Harbour Road, Wan Chai, Hong Kong

Tel: 852 2811 3111

Email: sales@goldenponder.com

Website: www.goldenponder.com.hk

金仑新能源将展示最新的智慧能源解决方案与技术创新产品。我们的智慧电池储能系统可為客户提供持久、稳定及节能的综合用电解决方案。我们的电动车充电器符合最新的本地和国际标准，以应对各类充电需求。

Golden Ponder New Energy will showcase the latest smart energy solutions and technological innovative products. Our smart battery energy storage systems can provide stable, long-lasting, economical and energy efficient comprehensive power solutions. Our EV chargers are in compliance with the latest local and international standards that are available for different charging applications.



深圳合一智控科技有限公司 Heyispace

5E35

深圳市南山区深圳湾科技生态园6栋505C 邮编：518000

Tel : 138 2557 0671

Email: xuewanyu@szhl.com.cn

Website: www.szhl.com.cn

深圳合一智控科技有限公司是国家高新技术企业，专注于通过物联网、大数据及人工智能等技术，提供面向使用者行为的边缘空间节能自控系统。公司致力于推动空间管理自动化和数字化，打通建筑节能的“最后一平米”，助力“3060”双碳目标和“数字中国”早日实现。公司技术能力国内一流，拥有行业领先的技术研发团队和自主知识产权，软硬件及算法全栈自研。

香港中华煤气有限公司 Hong Kong and China Gas Company Limited

5F15

香港北角渣华道363号

363 Java Road, North Point, Hong Kong

Tel : 852 2963 3300 / 0755 8182 7121

Email: tcei.pr@tongas.com.cn

Website: www.tongas.com / tongasenergy.com

香港中华煤气有限公司(煤气公司)于1862年成立，是香港历史最悠久的公用事业机构，亦是本港规模最大的能源供应商之一，企业管理和营运均达到世界级水平。近年，公司更致力拓展新能源开发及应用等项目，以综能化、去碳化、数智化为战略核心，以“零碳智慧园区”为核心场景，提供一站式零碳解决方案。本次展会将展示智慧能源、香港氢能应用、燃气+服务等多元化业务和TERA AWARD智慧能源创新大赛的领先实践，并携手零碳科技展团共同展示储能、氢能、虚拟电厂等前沿技术研发和应用。

Founded in 1862, The Hong Kong and China Gas Company Limited (Tongas) is Hong Kong's first public utility. Today, we are one of the largest energy suppliers in Hong Kong, operating with world-class corporate management and leading-edge business practices. In recent years, we have been more committed to expanding new energy development and application projects, by following energy integration, decarbonisation, and digitalisation as our core strategies. With the "Zero-Carbon Smart industrial Park" as the core scene, we provide one-stop Zero-Carbon Solutions. In this exhibition we will show diversified businesses such as smart energy, Hong Kong hydrogen energy applications, gas+services, and the leading practice of the TERA AWARD Smart Energy Innovation Competition, and show the research, development and application of cutting-edge technologies such as energy storage, hydrogen energy, VPP, etc., with the Zero Carbon Technology Exhibition Group.



香港碳贸易中心有限公司 (HKCTC) Hong Kong Carbon Trading Centre Co., Ltd

5H56

Tel : 852 2799 1000

Email: info@hk-ctc.com

Website: www.hkcarbontrading.com

HKCTC业务主要提供「碳管理」指引给制造业，推动制造业落实运行碳管理系统，并可将衍生的碳权进行碳交易

重庆昊格新能源集团有限公司 HG Energy Group

5G15

重庆市荣昌区城南大道633号 邮编：402460

Tel : 023 4625 0666

Email: HG@hg-energy-group.com

Website: www.hg.energy-group.com

轻柔组件重量不到传统组件的30%，有更多的应用场景如屋顶、房车、鸟巢等弧面建筑，安装更加便捷无需支架、压块等安装工具节约安装成本，轻柔组件较常规组件装载量达到每箱1080片，可大幅度降低运输成本。



华为数字能源技术有限公司 Huawei Digital Power Technologies Co., Ltd.

5F01

香港九龙尖沙咀广东道17号环球金融中心南座10楼

Tel : 852 2121 0099

Website: digitalpower.huawei.com/cn

华为数字能源技术有限公司(简称“华为数字能源”)是全球领先的数字能源产品与解决方案提供商。我们致力于融合数字技术和电力电子技术,发展清洁能源与能源数字化,推动能源革命,共建绿色美好未来。在清洁发电方面,推动构建以新能源为主体的新型电力系统;在绿色ICT能源基础设施方面,助力打造绿色、低碳、智能的数据中心和通信网络;在绿色出行方面,重新定义电动汽车驾乘体验和安全性,推动交通电动化进程。华为数字能源将通过持续的技术创新,携手全球伙伴开放合作,助力早日实现碳中和目标。目前华为数字能源约有10000名员工,业务遍及170多个国家和地区,服务全球三分之一的人口。

产品简介:

智能光伏:全场景展示,包括智能光储电站、行业绿电2.0(含低碳城市)和家庭绿电充电网络;含新一代全液冷超充,全模块化、融合光储、超快一体设计,打造极致体验
绿色智能数据中心:含大型数据中心、中小型数据中心和关键供电
站点能源:从目标网规划,到建网、供电、储能、运维全生命周期展示

Huawei Digital Power Technologies Co., Ltd. (Huawei Digital Power for short) is a leading global provider of digital power products and solutions. We are committed to integrating digital and power electronics technologies, developing clean power, and enabling energy digitalization to drive energy revolution for a better, greener future. In the clean power generation sector, we help create new power systems that primarily rely on renewable energy. In the green ICT power infrastructure sector, we help build green, low-carbon, and intelligent renewable energy data centers and communications networks. In the green transportation sector, we redefine consumer driving and safety experiences in electric vehicles, accelerating transportation electrification. Huawei Digital Power continues innovating through open collaboration with global partners to promote carbon neutrality.

Product Description:

Smart PV full-scenario display: including Smart PV+ESS plant, Huawei's C&I Solution 2.0 (including low-carbon cities), and Residential Solution

Charging network: including next-generation full-liquid cooling super-fast charging, fully modular, and integrated PV+ESS+super-fast charging, delivering premium experience

Latest green intelligent data center solution: including large data centers, small and medium data centers, and critical power

Site Power Facility: full lifecycle display from target network planning to network construction, power supply, energy storage, and O&M



創冷科技有限公司 i2Cool Limited

5F25

香港新界大埔区香港科学园科技大道西19号19W5楼527室

Unit 527, 5/F, Building 19W, No. 19, Science Park West Avenue, HKSTP, Hong Kong

Tel : 180 3309 4332 / 852 5705 8603

Email: info@i2cool.com

Website: www.i2cool.com

创冷科技(i2Cool)是一家由香港城市大学 HK Tech 300 项目孵化的科技初创公司，团队成功研发领先全球的零耗能、无需制冷剂的被动式辐射制冷涂料已落地应用。无电制冷涂层是创冷科技首个商业化的产品，于2021年11月正式推出市场。该涂料是以外太空为制冷源头，通过高效的太阳反射和中红外热辐射实现低于环境温度的制冷效果。

i2Cool is a technology start-up company incubated by the HK Tech 300 Program at City University of Hong Kong and Incubation Program at Hong Kong Science and Technology Park. The team has successfully developed the world's leading passive radiative cooling paint with zero energy consumption. The Electricity-free Cooling Paint is the first commercial product of i2Cool, officially launched to the market in November 2021. The paint is used as a cooling source from the universe and achieves cooling effects below ambient temperature through efficient solar reflection and mid-infrared emission.

迈进顾问工程有限公司 Meinhardt (Hong Kong) Ltd

5D36

香港黄竹坑道33-35号创协坊10楼

Tel : 852 2858 0738

Fax: 852 2559 1613

Email: mcehk@meinhardt.com.hk

Website: www.meinhardtgroup.com / www.meinhardt-china.com



蘑菇物联技术(深圳)有限公司
Mogulinker Technology (Shenzhen) Co., Ltd.

5F36

深圳市龙华区民治街道汇德大厦写字楼2202 邮编：518110

Tel : 400 086 2020

Website: mogulinker.com/

利用工业互联网技术将空压站房、制冷车间和循环水系统等楼宇公辅系统的各类设备以及仪表传感器纳入到基于无线通讯及多约束条件AI算法的楼宇公辅系统云智控SaaS系统，实现楼宇公辅系统能源数字化统一管理，并在此基础上实现对空压站房、制冷车间和循环水系统的智能化控制。

Use industrial internet technology to include various equipment and instrument sensors in public and auxiliary workshops such as air compression station, refrigeration workshop and circulating water system in "Wireless Communication and Multi-Constraint AI Algorithm Based Cloud Smart Control SaaS System for Public Auxiliary Workshops", realize intelligent unified management of energy in public and auxiliary workshops, and on this basis, intelligent control of the air compression station building, refrigeration workshop, and circulating water system will be achieved.

上海临港弘博新能源发展有限公司
Shanghai Lingang Hongbo New Energy Development Co., Ltd.

5D35

上海市浦东新区秋山路1775弄18号楼

Tel : 021 2097 6637

Website: www.linganghongbo.com

上海临港弘博新能源发展有限公司为上海临港集团旗下能源投资运营管理平台,提供零碳园区能源规划咨询、零碳园区能源供应转型及零碳园区能源综合管控整合服务,助力园区“碳中和”目标实现。

Shanghai Lingang Hongbo New Energy Development Co., Ltd., the energy investment operation management platform of Shanghai Lingang Group, provides zero-carbon park energy planning consulting, zero-carbon park energy supply transformation, and zero-carbon park energy comprehensive management and control integration services for the park to achieve carbon neutrality goals.



上海时链节能科技有限公司 Shanghai Time-Chains Technology Co., Ltd.

5E36

上海市闵行区莲花路1308号A座503室

Tel : 021 5595 5558

Website: www.time-chains.cn

时链科技是领先的零碳数智化城市服务商，以“给生态以文明，给万物以智能”为使命，以人工智能+物联网+大数据应用技术为核心，聚焦智慧城市、智慧建筑、智慧工业等细分市场，基于“软件+硬件+算法”三位一体技术架构，提供多场景AIoT零碳数智化解决方案及多维能源服务，致力于以创新科技驱动城市零碳数智化变革。

With the mission of “giving civilization to ecology and intelligence to everything”, Time Chain Technology is a leading zero-carbon digital intelligence service provider, focusing on smart city, smart building, smart industry and other market segments with the core of AI+IoT+Big Data application technology, based on the “software+hardware+algorithm Based on the “software + hardware + algorithm” trinity technology architecture, we provide multi-scene AIoT zero carbon digital intelligence solutions and multi-dimensional energy services, and are committed to driving the change of zero carbon digital intelligence in cities with innovative technology.

深圳能源集团股份有限公司 Shenzhen Energy Corporation

5H15

深圳市福田区金田路2026号能源大厦 邮编：518031

Tel : 0755 8368 0288

Fax: 0755 8368 0298

Website: www.sec.com.cn

综合能源产品、储能产品、智能电厂产品、数字BIM、数字化智慧运营产品、数字装备制造、智慧环卫收运、制氢加氢一体站展示



深圳市科陆电子科技股份有限公司 Shenzhen Clou Electronics Co., Ltd.

5A01

深圳市南山区高新技术产业园北区宝深路科陆大厦 邮编：518057

Tel : 0755 3330 9999

Website: www.szclou.com

深圳市科陆电子科技股份有限公司(简称“科陆电子”)于1996年在深圳成立，2007年在深圳主板上市(股票代码：002121.SZ)、美的集团成员企业，国家高新技术企业，拥有国家认定企业技术中心和多个国家级、省级技术中心、实验室。科陆电子主营业务聚焦在新型电化学储能和新型电力系统两大板块，战略愿景是成为国内乃至世界一流的能源服务商。

在储能领域，科陆电子是最早布局储能的企业之一，是储能行业的领先企业，同时科陆电子也是国内少数进入美国、欧洲的储能系统集成商。在新型电力系统领域，科陆电子多年来都是国、南网的核心供应商，同时智能电网海外业务覆盖“一带一路”多个区域。

Shenzhen Clou Electronics Co.,Ltd. was founded in 1996 and listed on the main board of Shenzhen Stock Exchange in 2007 (stock code: 002121.SZ). As a member of Midea Group, Clou is a national high-tech enterprise with a number of national and provincial technical centers and laboratories. Clou focuses on two major fields including new electrochemical energy storage and new power system. The strategic vision is to become a world-class energy services provider.

As a leading enterprise in the energy storage industry, Clou is one of the earliest enterprises to deploy energy storage, and also one of the few domestic energy storage system integrators that have entered the United States and Europe. In the field of new power system, Clou has been the core supplier of the State Grid and China Southern Power Grid for many years, and meanwhile the overseas business of smart grid covers several regions of “The Belt and Road”.



深圳市燃气集团股份有限公司 Shenzhen Gas

5A18

深圳市福田区 邮编：518000

Tel：150 1289 9969

Email: wangdl03@szgas.com.cn

Website: www.szgas.com.cn

深圳燃气创立于1982年，是一家以城市燃气、综合能源、燃气资源、智慧服务四大板块协同发展的国有控股上市公司，股票代码601139。

深圳燃气致力于成为中国一流的清洁能源综合运营商，以城市工业、交通、楼宇、市政、社区五大领域低碳建设为目标，通过光储融合、V2G综合能源站、建筑光伏一体化、光储直柔、能效改造、集中供能、生物质热电、氢燃料电池多能联供、区域能源聚合与交易等N种能源场景技术的应用，为用户提供“宜气则气、宜电则电、宜光则光、宜储则储”的智慧能源解决方案。目前综合能源业务在粤港澳大湾区已实现工商业、轨道交通、城中村、楼宇建筑、市政设施五大领域的布局，持有光伏电站15座，总装机容量222MW，集中供冷、供热面积达274万平方米。

Founded in 1982, Shenzhen Gas is a state-controlled listed company with the coordinated development of four major sectors: city gas, comprehensive energy, gas resources and smart services, with a 601139 stock code.

Shenzhen Gas is committed to become the first-class clean energy integrated operator in China, aiming at low-carbon construction in five major areas of industrial park, transportation, buildings, infrastructure, communities. Through the application of N energy technologies such as PV+, ESS, BIPV, PEDF, Micro-grid, V2G integrated stations, energy efficiency retrofit, central cooling, hydrogen and biomass co-generation, VPP and power trading, to provide users with smart energy solutions.

At present, the Comprehensive energy business has a portfolio of five major fields of industrial and commercial complex, transportation hub, villages, buildings and infrastructure in Great Bay Area, holding 15 solar power plants, with a total installed capacity of 222MW, and a central cooling and heating area of 2.74 million square meters.



IDEE · SZ

2023国际数字能源展
INTERNATIONAL DIGITAL ENERGY EXPO 2023

香港站

数字驱动 能创未来
CREATING A GREEN FUTURE WITH DIGITAL ENERGY

6.20-23

亚洲国际博览馆·香港
AsiaWorld-Expo, Hong Kong

5
HALL

深圳市欣旺达能源科技有限公司 Sunwoda Energy Technology Co., Ltd.

5H01

广东省深圳市光明区塘家南路18号欣旺达产业园B栋15楼 邮编：518106

Tel : 0755 8695 8041

Email: info@sunwoda.com

Website: www.sunwodaenergy.com/cn

深圳市欣旺达能源科技有限公司是国家级高新技术企业，系欣旺达集团旗下，以满足不同行业细分市场及客户多元化用能需求为宗旨，专注于网络能源、家庭储能、电力储能、智慧能源等业务领域的全资子公司。公司提供储能和“源网荷储云一体化”等集成产品和解决方案，构建销售、投资、建设、运营全生命周期的商业模式。

香港理工大学机械工程学系 The Hong Kong Polytechnic University (DME)

5B56

香港紅磡育才道11號香港理工大学机械工程学系

Website: www.polyu.edu.hk/me/

香港理工大学机械工程学系致力于成为全球领先的机械工程系之一，以实现具有全球视野和影响力的卓越教育和研究。

We are committed to becoming one of the globally leading mechanical engineering departments to achieve excellence in education and research with a global outlook and impact.



TÜV南德意志集团 TÜV SÜD

5C55

上海市静安区恒通路151号 邮编：200070

Tel : 136 2160 5507

Website: www.tuvsud.cn

TÜV南德深耕中国光储及智慧能源十五年多，具有丰富的检测认证经验，能够提供从原材料到系统终端全产业链以及碳中和的一站式、多市场技术解决方案。TÜV南德始终坚持积极参与光储及智慧能源领域及碳中和的标准研究和制定，为广大企业提供检测认证等技术服务，并在上海、苏州、南京、扬州、常州、无锡、深圳，北京，天津，海南等地拥有多家(含合作)测试中心以及近百位技术专家，是全球领先的光储及智慧能源产品与碳中和技术服务解决方案供应商之一。

TÜV SÜD has been deeply engaged in photovoltaic, BESS and smart energy field for more than 15 years in China. With the rich experience in testing and certification, TÜV SÜD can provide one-stop, multi-market technical solution for whole industrial chain from raw materials to system terminals and carbon neutrality. TÜV SÜD has been widely recognized for the consistent research and development of standards in photovoltaic, BESS, smart energy field and carbon neutrality, provide testing and certification technical services for vast enterprises, has a number of (including cooperative laboratory) testing centers and nearly 100 technical experts in Shanghai, Suzhou, Nanjing, Yangzhou, Changzhou, Wuxi, Shenzhen, Beijing, Tianjin, Hainan and other places. TÜV SÜD is one of the world's leading suppliers of testing and certification technical services for photovoltaic, BESS, smart energy field and carbon neutrality.