

PISEN®品胜

品胜新能源 产品手册



NEW ENERGY
Product Presentation Manual



品胜公众号

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目录
Contents

01 企业介绍 P2-5
Enterprise Introduction

公司简介
Company profile

荣誉专利展示
Honors and patents

02 企业优势 P6-11
Business Area

生产基地
Production base

品控体系
Quality control system

核心团队
Core team

03 产品系列 P10-64
Product Range

停电宝系列
PISEN INV series

外接电池户外电源（放电宝）系列
PISEN INV series

电动汽车充放电系列
EV charging and discharging series

充电桩系列
Charging pile series

储能系列
Power station series

04 工程应用 P65-71
Engineering Application

应用场景
Application scenario

工程安装及售后
Engineering installation and after-sales

Enterprise
Introduction

企业介绍

01

品胜：致力于用科技构建全场景美好智能生活

PISEN: Committed to building a full-scene beautiful and smart life based on science and technology

广东品胜电子股份有限公司，2003年创立于深圳，是集研发、设计、生产、销售于一体的国家级高新技术企业。作为最早研发出充电宝并实现商用的企业之一，品胜致力于用科技构建全场景美好智能生活，始终坚持打造“品质取胜”且有温度的科技美学产品，产品主要围绕智能产品电能支持、新能源储能产品、音频设备、数码配件、智能小家电、车载用品等领域。

Founded in Shenzhen in 2003, Guangdong PISEN Electronics Co., Ltd. is a national high-tech enterprise integrating R&D, design, production and sales. As one of the earliest enterprises to develop and put the charger into the commercial application, PISEN is committed to building a full-scene beautiful and smart life based on science and technology, and always insists on creating a scientific and technological aesthetic product with “high quality” and love. The product is mainly designed for the fields such as electric energy support for smart products, new energy storage products, audio equipment, digital accessories, smart home appliances, car supplies.

二十年品质信赖，买品胜，更放心！“品胜（PISEN）”已成长为销往全球六大洲、在海内外颇具知名度的国际消费电子品牌。未来，品胜将坚持以技术创新和用户服务为核心竞争力，持续打造独具特色的产品与生态服务，与世界分享科技创新带来的无界美好生活。

With twenty years of reliable quality assurance, PISEN makes you more at ease! “PISEN” has become into an international consumer electronics brand which is marketed in six continents in the world and is well known at home and abroad. In the future, PISEN will adhere to technological innovation and user service as the core competitiveness, continue to create unique products and ecological services, and share the boundless beautiful life brought by technological innovation with the world.

销量名列前茅

3C智能移动周边产品二十年持续畅销

销往全球六大洲

海内外颇具知名度的国际消费电子品牌

Sales are among the best

3C smart mobile peripheral products have been selling well for 20 years

Markets in six continents in the world

Well-known international consumer electronics brands at home and abroad



品胜新能源 多项发明专利 革新新能源赛道

NEW ENERGY A number of invention patents to renovate the new energy field

2020年，品胜进军新能源赛道，成立新能源事业部。依托于在3C智能移动周边产品市场的龙头地位，及研发、生产制造、全渠道营销、数字化与品牌完整供应链的优势，成为新能源汽车充电枪和储能电源市场的新锐企业，拥有多项发明专利。

In 2020, PISEN started their businesses in the new energy industry and established the New Energy Division. Relying on its leading position in the market of 3C smart mobile peripheral products and the advantages of R&D, manufacturing, omni-channel marketing, digitalization and complete brand supply chain, it has become a cutting-edge enterprise in the market of charging guns and energy storage power supply for new energy vehicles, with a number of invention patents.

品胜新能源以停电宝、外接电池户外电源（放电宝）、电动汽车充放电一体化系统、便携储能、家庭储能、工商业储能、储能充电桩一体化系统、绿色能源投资开发运营（新能源开发、投资、设计、安装、运维）等领域为发展核心，致力于为全球储能电池及户外电源等领域客户提供专业的定制化解决方案。

Focusing on the development core of UPS, external battery - portable power station (discharger), integrated EV charging and discharging system, portable energy storage, household energy storage, industrial and commercial energy storage, integrated energy storage and charging pile system, green energy investment development and operation (new energy development, investment, design, installation, operation and maintenance) and other fields, PISEN New Energy is committed to providing professional customized solutions for customers in the fields of global energy storage batteries and portable power station.



荣誉·专利展示

Honors and patents

1.部分专利展示

Exhibition of some patents

实用新型专利

Patents for utility models

90⁺

外观设计专利

Patents for appearance design

1100⁺

发明专利（含在审）

Patents for invention (including those under approval)

10⁺

参与制定行业/地方标准

Participate in the formulation of industry local standards

10⁺



2.部分荣誉展示

Exhibition of some honors

- 2004年研发出“充电宝”原型
- 广东省著名商标
- 深圳市高新技术企业
- 中国电子商务应用实践百强企业
- 中国合格评定国家认可委员会（CANS）实验室认可证书
- 移动电源新国标GB/T 35590-2017首批达标企业
- 2019中国企业数字化转型鼎新奖新锐榜——《哈佛商业评论》、清华全球产业园
- 中国国家乒乓球队战略合作伙伴

- The first batch of enterprises that meet the new national standard GB/T 35590-2017 for portable power station
- Laboratory Accreditation Certificate of China National Accreditation Service for Conformity Assessment (CANS)
- China Enterprises in Dingge Award Digital Transformation Pioneer Billboard in 2019 - Harvard Business Review, Institute for Global Industry, Tsinghua University (Tsinghua IGI)
- China Top 100 Enterprises in E-commerce Application Practice
- In 2004, the prototype of the “charger” was developed
- Strategic Partner of China National Table Tennis Team
- Famous Trademark in Guangdong Province
- Shenzhen High-tech Enterprise
- JD Top Ten Star Brands in 2022
- Tmall Star Store in 2022



Business
Area

企业优势

02

Business area / perfect production base

企业优势 / 完备的生产基地

1.完备的生产基地

Perfect production base

新能源生产与服务配套系统

New energy production and service supporting system

品胜目前拥有两大自主生产基地：西南生产基地、华南生产基地，可为广大客户生产优质的新能源储能以及移动电源等系列产品。

同时，品胜推出合同能源管理、太阳能光伏系统电站开发、投资、选址、设计、安装与销售等专业服务，可为全球客户提供全方面的新能源解决方案，实现合作共赢。

PISEN has two independent production bases: Southwest production base and South China production base, which can produce high-quality new energy storage and mobile power supply products for customers.

In addition, PISEN launches professional services such as contract energy management, solar photovoltaic system power station development, investment, site selection, design, installation and sales, providing all-round new energy solutions for customers around the world to achieve win-win cooperation.

品胜西南生产基地

PISEN production base in China Enterprise

位于成都海峡两岸科技园

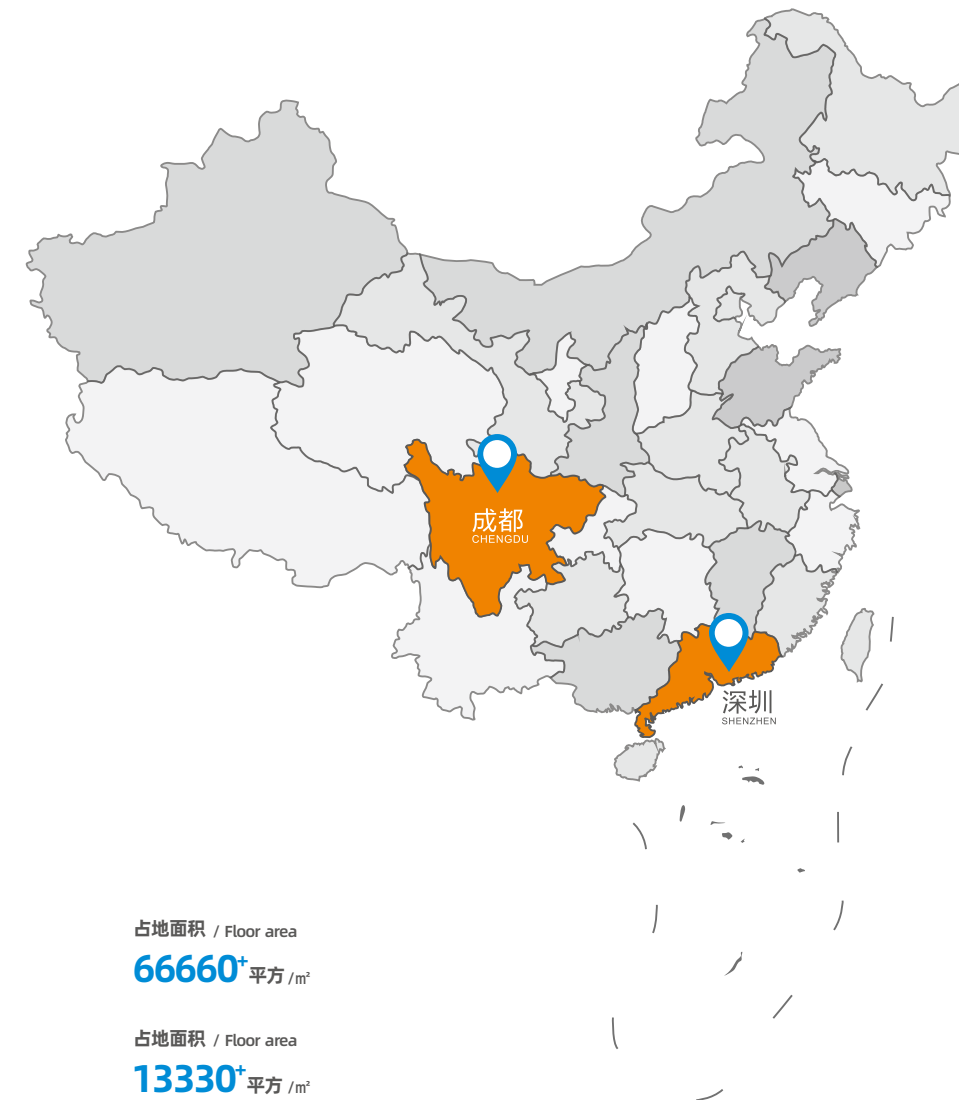
Located in science and technology park on both sides of Chengdu Strait

品胜华南生产基地

PISEN production base in Southern China

位于中国深圳市龙岗金塘工业园

Located in Jintang Industrial Park, Longgang District, Shenzhen City, China



2.严格的品控体系

Strict quality control system

品胜拥有完善、严格的质量控制体系及流程，始终严把产品质量关，严守品控红线，为品胜新能源产品品质加码的同时，也在为消费者保驾护航。

PISEN has a perfect and strict quality control system and process, always strictly controls the quality of products and strictly abides by the red line of quality control, which not only increases the quality of PISEN new energy products, but also is beneficial for consumers.



3.专业的核心团队

Professional core team

品胜是国内便携储能行业团体标准的主要起草单位之一，我们拥有专业的研发、设计、制造、营销团队，所有产品经过精心设计、全面测试和严格认证，并提供行业领先的安装和售后保修服务，让您安心、放心。

As one of the main drafting units of the group standard of portable energy storage industry in China, PISEN has a professional R&D, design, manufacturing and marketing team and all products have been carefully designed, comprehensively tested and strictly certified; moreover, PISEN also provides the leading installation and after-sales warranty services, which will make you feel at ease.

模具事业部 Mould Division

模具车间共拥有设备约173台，其中注塑部机台数约108台，模具部设备数约65台，产能可达约100套/月。

The mould workshop has about 173 sets of equipment, including about 108 sets in the injection molding department and about 65 set in the mould department, with a production capacity of about 100 sets/month.

制造事业部 Manufacturing Division

拥有成都、深圳两大制造基地，占地约120亩，共有员工1000余人。

The Manufacturing Division has two manufacturing bases in Chengdu and Shenzhen, covering an area of about 120 mu, with more than 1,000 employees.

产品中心 Product Center

通过前期深入的市场调研，制定包含产品规划、产品开发、产品营销在内的系统性方案。提供数据分析、产品定义、产品量产，以及后期营销等一条龙服务。

Through in-depth market research in the early stage, formulate systematic plans including Product planning, development, and marketing. Provide data analysis, product definition, mass production, and post-marketing one-stop services.

品牌推广中心 Brand Promotion Center

专业的市场营销、品牌推广团队，提供营销策划、策略分析、视觉设计等服务，拥有百万粉丝的自媒体矩阵，为品牌推广及营销提供针对性的解决方案。

With professional marketing and brand promotion teams, the Brand Promotion Center provides marketing planning, strategic analysis, visual design and other services, and has a media matrix with millions of fans to provide targeted solutions for brand promotion and marketing.

设计中心 Design Center

不仅设计开发新能源储能周边产品，也承接全品类电子产品及客户定制服务。团队通过快速洞察市场流行趋势，设计出外接电池户外电源、新能源汽车充放电一体机等符合市场需求的创新型产品。曾多次获德国红点奖、IF奖、美国CES奖等多项国际设计及创新产品大奖。

The Design Center is not only responsible for designing and developing new energy storage peripheral products, but also undertaking all kinds of electronic products and user-defined services. Through a quick insight into the market trends, the team has designed innovative products that meet the market demand, such as external battery portable power station and integrated NEV charging and discharging equipment. It has won many international design and innovative product awards such as the German Red Dot Award, IF Award and American CES Award.



Product
Range

产品系列

03

停电宝系列

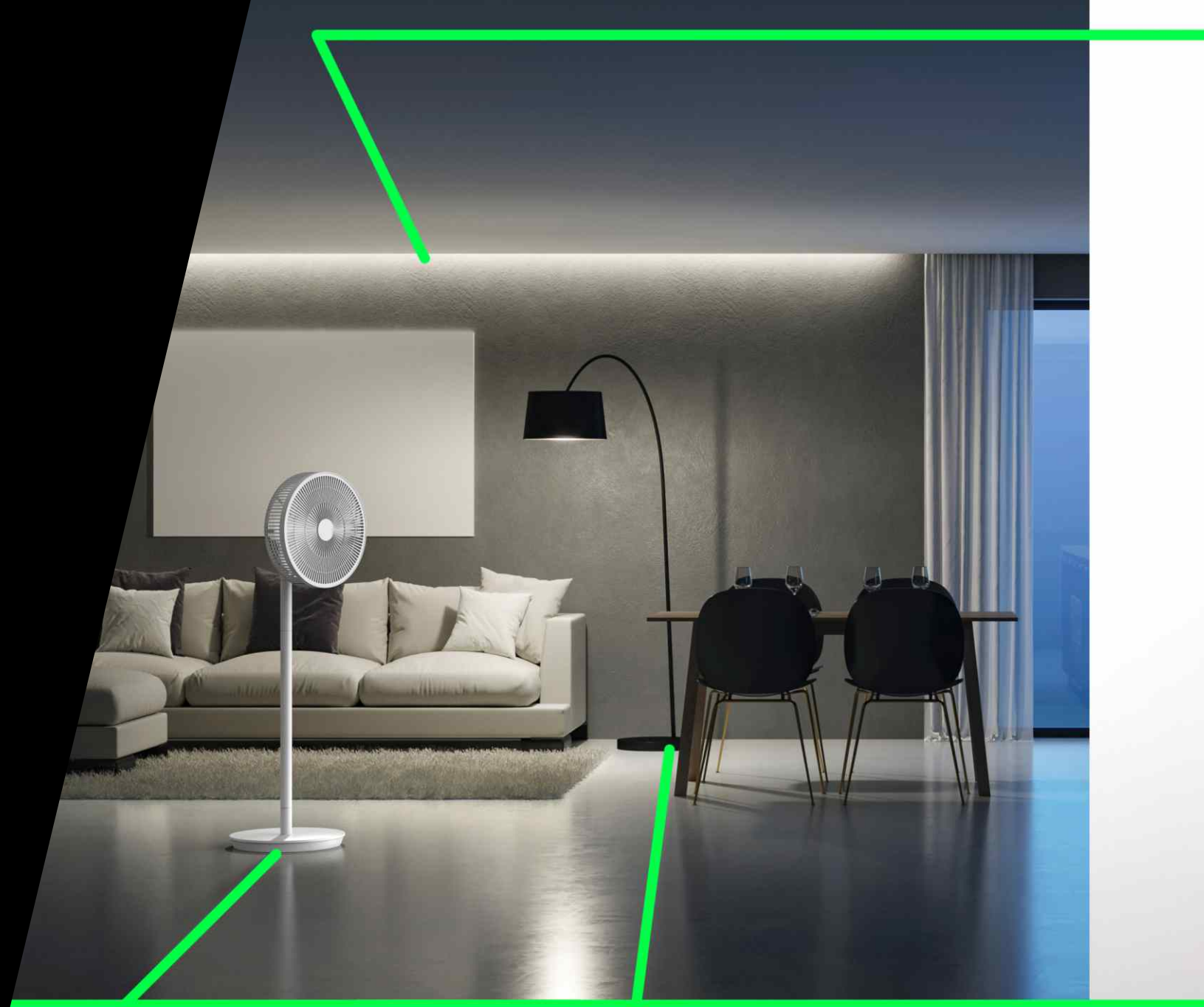
外接电瓶车电池实现应急供电

专为停电场景设计的应急备电产品。除家庭应急外、也适用于户外经营（如夜市摆摊）等需求。
搭配“停电宝连接器（离网）”使用，可轻松实现给全屋供电。

PISEN INV Series

External battery of electromobile realizes emergency power supply

Emergency energy storage products specially designed for power outage scenarios. In addition to household power failure emergency, it is also suitable for outdoor business (such as night market stalls) and other demands. Combined with the “UPS connector (offline)”, it can easily supply power for the whole house.





停电宝系列 PISEN INV Series

停电宝（照明）700

PISEN INV (Lighting) 700

- 兼容12V/24V铅酸蓄电池
- 兼容车载点烟口输出
- 700W输出功率，日常应急用电无忧
- 强力风冷散热
- 智能屏显，实时显示输入/输出电压和输出功率

- Compatible with 12 V/24 V lead-acid batteries
- Compatible with the vehicle cigarette lighter output
- 700W output power, worry free for daily emergency electricity
- Forced air-cooled heat dissipation
- Intelligent screen display can display input/output voltage and output power in real time



产品参数 Product parameters

型号 (Model)	TS-OPS17	输出电压 (Output voltage)	220V
实际功率 (Actual power)	700W	转换效率 (Conversion efficiency)	85%
峰值功率 (Peak power)	1400W	智能风扇 (Intelligent fan)	温控风扇≥45°C /Temperature control fan ≥ 45°C
输出波形 (Output waveform)	修正波/Corrected wave	反接功能 (Reverse connection function)	正负极反接保护/Positive and negative reverse connection protection
输入电压 (Input voltage)	DC12V (10-16V) /DC24V (20-32V)	支持电池 (Support battery)	12V/24V电池，推荐使用铅酸电池 12 V/24 V battery, lead-acid battery is recommended
输出频率 (Output frequency)	50/60Hz		



停电宝系列 PISEN INV Series

停电宝（空调）2500

PISEN INV (Aircondition) 2500

- 兼容48/60/72V铅酸蓄电池及锂电池
- 最高2500W功率输出，支持99%常见家用电器
- 强力风冷散热
- 一键开启关闭
- 防反接、防打火

- Compatible with 48V/60V/72V lead-acid batteries and lithium batteries
- 2500W maximum power output, support 99% household appliances
- Forced air-cooled heat dissipation
- Turn on and off with one click
- Anti-reverse connection, anti-ignition



产品参数 Product parameters

型号 (Model)	TS-OPS18	输出电压 (Output voltage)	220V
实际功率 (Actual power)	2500W	转换效率 (Conversion efficiency)	90%
峰值功率 (Peak power)	6000W	智能风扇 (Intelligent fan)	≥45°C开启 /Temperature control fan ≥ 45°C
输出波形 (Output waveform)	纯正弦波 /pure sine wave	支持电池 (Support battery)	支持48/60/72V铅酸电池和锂电池接入 48 V/60 V/72V battery, lead-acid battery and LFP、NCM、LMO
输入电压 (Input voltage)	DC40-89V		
输出频率 (Output frequency)	50/60Hz		

停电宝系列 PISEN INV Series

停电宝连接器（离网）

PISEN INV connector (offline)

- 兼容10A品字电源线，一插即用
- 保险管式过流保护
- 250V/8A兼容常见家用电器
- 适配品胜放电宝
- 双重防触电开关，双重安全
- 2000W大功率
- ABS防火材质，阻燃等级达UL94-V0

- Compatible with 10 A power cord with the shape of Chinese character “Pin”, with the feature of plug-and-play
- Fuse type over-current protection
- 250 V/8 A, compatible with common household appliances
- Adapt to PISEN discharger
- Dual anti-electric shock switch for dual protection
- Power up to 2000 W
- ABS fireproof material, flame retardant rating: UL94-V0

产品参数 Product parameters

型号 (Model)	TS-BW01
输入 (Input)	100-250V~50Hz
输出 (Output)	100-250V~50Hz
最大电流 (Maximum current)	8A MAX
介电强度 (Dielectric strength)	≥3000V AC
阻燃等级 (Flame retardant rating)	UL94-V0
输入接口 (Input interface)	品字插座/Socket with the shape of Chinese character “Pin”
输出接口 (Output interface)	国标三脚插头/National standard three-pin plug
尺寸 (Size)	164mm*72mm*57mm (含插脚/including pins)
颜色 (Color)	魔幻黑/Magic black



外接电池户外电源（放电宝）系列

有车就有电 用电不受限

品胜放电宝系列产品，可通过标配的连接线连接电瓶车电池，快速实现便捷、实惠的大功率供电方案，满足露营、户外作业、户外经营等多种场景的用电需求。

External battery-PISEN INV series

A car can supply power for unlimited use

PISEN INV can be connected to the battery of the battery car through the standard connecting cable to quickly realize a convenient and affordable high-power power supply scheme and meet the electricity demand of camping, outdoor work, outdoor business and other scenarios.





外接电池户外电源系列 External battery- PISEN INV series

外接电池户外电源 48-1000

External battery - PISEN INV 48-1000

- 约3.5kg，轻量便携
 - 4种接口，5端口供电
 - 支持SCP40W和PD20W双快充
 - 8重防护，电池免维护，存储无风险
 - 更换电池实现“无限续电”，扩容无上限
 - 1000W大功率，可升维驱动1800W的加热型设备
- About 3.5 kg, lightweight and portable
 - 4 interfaces and 5 ports for power supply
 - Support SCP40W and PD20W dual fast charging
 - Eightfold protection, maintenance-free battery, no storage risk
 - Replace the battery to achieve “unlimited battery life” , and no upper limit for capacity expansion
 - 1,000 W high power, and support the upgraded driving of 1,800 W heating equipment



产品参数 Product parameters

型号 (Model)	TS-OPS11	USB输出 (USB output)	5V=3.5A 17.5W Max
净重 (Net weight)	3.5kg	点烟口 (Cigarette lighter)	12V=10A 120W Max
额定输出电压 (Rated output voltage)	AC 220V±10% 50Hz±0.5Hz	LED照明灯 (LED lamp)	2.5W
额定输出功率 (Rated output power)	1000W±5%	总输出功率 (Total output power)	1000W Max
峰值功率 (Peak power)	2000W	工作环境温度 (Operating ambient temperature)	0°C—40°C
输出波形 (Output waveform)	纯正弦波 /Net sine wave	智能风扇 (Intelligent fan)	温控风扇/Temperature control fan ≥45°C
输入电压 (Input voltage)	DC40.5—DC58.4V	反接功能 (Reverse connection function)	正负极反接保护/Positive and negative reverse connection protection
额定输入电流 (Rated input current)	35A	支持电池 (Support battery)	48V电池，容量/battery, capacity ≥20Ah
转换效率 (Conversion efficiency)	92%	颜色 (Color)	绿色 /Green
Type-C输出 (Type-C output)	5V=3A 9V=2.22A 10V=4A 40W Max		



外接电池户外电源系列 External battery- PISEN INV series

外接电池户外电源 60-1000

External battery - PISEN INV 60-1000

- 约3.5kg，轻量便携
 - 4种接口，5端口供电
 - 支持SCP40W和PD20W双快充
 - 8重防护，电池免维护，存储无风险
 - 更换电池实现“无限续电”，扩容无上限
 - 1000W大功率，可升维驱动1800W的加热型设备
- About 3.5 kg, lightweight and portable
- 4 interfaces and 5 ports for power supply
- Support SCP40W and PD20W dual fast charging
- Eightfold protection, maintenance-free battery, no storage risk
- Replace the battery to achieve “unlimited battery life” , and no upper limit for capacity expansion
- 1,000 W high power, and support the upgraded driving of 1,800 W heating equipment



产品参数 Product parameters

型号 (Model)	TS-OPS12	USB输出 (USB output)	5V=3.5A 17.5W Max
净重 (Net weight)	3.5kg	点烟口 (Cigarette lighter)	12V=10A 120W Max
额定输出电压 (Rated output voltage)	AC 220V±10% 50Hz±0.5Hz	LED照明灯 (LED lamp)	2.5W
额定输出功率 (Rated output power)	1000W±5%	总输出功率 (Total output power)	1000W Max
峰值功率 (Peak power)	2000W	工作环境温度 (Operating ambient temperature)	0°C—40°C
输出波形 (Output waveform)	纯正弦波/Net sine wave	智能风扇 (Intelligent fan)	温控风扇/Temperature control fan ≥45°C
输入电压 (Input voltage)	DC51—DC73V	反接功能 (Reverse connection function)	正负极反接保护/Positive and negative reverse connection protection
额定输入电流 (Rated input current)	35A	支持电池 (Support battery)	60V电池，容量/battery, capacity ≥20Ah
转换效率 (Conversion efficiency)	92%	颜色 (Color)	橙色/Orange
Type-C输出 (Type-C output)	5V=3A 9V=2.22A 10V=4A 40W Max		



外接电池户外电源系列 External battery- PISEN INV series

外接电池户外电源（放电宝）1000

External battery - PISEN INV 1000

- 兼容48/60V铅酸蓄电池及锂电池
 - AC/Type-C/USB/DC四种输出模式
 - 5大接口
 - 搭载升维驱动技术，支持最高1800W的发热类电器
 - PD/SCP/QC多快充协议
-
- 48V/60V battery, lead-acid battery and LFP, NCM, LMO
 - AC/Type-C/USB/DC four output modes
 - 5 interfaces
 - Equipped with upgraded drive technology, supporting heating appliances up to 1800W
 - PD/SCP/QC fast charging protocols



产品参数 Product parameters

型号 (Model)	TS-OPS13	转换效率 (Conversion efficiency)	92%
实际功率 (Actual power)	1000W	USB	SCP22.5W
峰值功率 (Peak power)	2000W	Type-C	PD45W
输出波形 (Output waveform)	纯正弦波/Net sine wave	智能风扇 (Intelligent fan)	温控风扇/Temperature control fan ≥45°C
输入电压 (Input voltage)	40-73V	反接功能 (Reverse connection function)	正负极反接保护/Positive and negative reverse connection protection
输出频率 (Output frequency)	50/60Hz	支持电池 (Support battery)	48V/60V电池，容量/battery, capacity ≥20Ah
输出电压 (Output voltage)	220V		



外接电池户外电源系列 External battery- PISEN INV series

外接电池户外电源（放电宝）2200

External battery - PISEN INV 2200

- 外接双电池设计
 - 单双电池均可大功率输出兼容48V/60V电池
 - 4大接口，支持AC/Type-C/USB三种输出模式
 - 搭载升维驱动技术，支持最高3000W的发热类电器
 - PD/SCP/QC多快充协议
- External dual battery design
 - Single and dual batteries can output high power and are compatible with 48 V/60 V/72 V batteries
 - 4 main ports, supporting three output modes of AC/Type-C/USB
 - Equipped with upgraded drive technology, supporting heating appliances up to 3000W
 - PD/SCP/QC fast charging protocols



产品参数 Product parameters

型号 (Model)	TS-OPS14	转换效率 (Conversion efficiency)	92%
实际功率 (Actual power)	双电池连接/Dual battery connection 2200W, 单电池/single battery 1100W	USB	SCP22.5W
峰值功率 (Peak power)	4400W Max	Type-C	PD45W
输出波形 (Output waveform)	纯正弦波/Net sine wave	智能风扇 (Intelligent fan)	温控风扇/Temperature control fan ≥45°C
输入电压 (Input voltage)	40-89V	反接功能 (Reverse connection function)	正负极反接保护/Positive and negative reverse connection protection
输出频率 (Output frequency)	50/60Hz	支持电池 (Support battery)	48V/60V电池, 容量/battery, capacity ≥20Ah
输出电压 (Output voltage)	220V		

电动汽车充放电系列

新能源汽车秒变“超级移动电站”

品胜电动汽车充放电系列包含“电动汽车充放电一体机”、“新能源汽车放电插排”等创新产品，让家中电动汽车秒变“超级移动电站”，轻松满足露营、户外经营、户外作业、停电应急等多种用电场景的用电需求。

EV charging and discharging series

NEV immediately becomes “super mobile power stations”

PISEN EV charging and discharging series include innovative products such as “integrated EV charging and discharging equipment” and “NEV discharging strip”, which makes EV at home immediately become “super mobile power station”, and easily meets the power demand of camping, outdoor business, outdoor operation, power failure emergency and other power consumption scenarios.





电动汽车充放电系列 EV charging and discharging series

电动汽车充放电一体机 3.5kW

EV car charging and discharging equipment 3.5 kW

- 华为原装快充模组
 - 止锁结构一键控电
 - 支持3.5kW大功率充放电
 - 本体开关按键，安全稳定
 - 充放电一体设计，一机两用
 - 专利磁吸灯照亮生活每一刻
- Original Huawei fast charging module
 - One-key power control of the locking structure
 - Support 3.5 kW high-power charging and discharging
 - The switch button on the body is safe and reliable
 - With integrated charging and discharging design, one equipment has two purposes
 - Patented magnetic lamp brights up every moment of life

产品参数 Product parameters

型号 (Model)	TS-OP516
长宽高 (LxWxH)	340*151*100
Ac插头 (AC plug)	新国 /New national standard 10A*2+16A*1
C1输出 (C1 output)	PD65W、SCP40W
C2输出 (C2 output)	SCP40W
USB输出 (USB output)	SCP40W
LED照明灯 (LED lamp)	1.5W
额定输出功率 (Rated output power)	3.5kW
额定输入功率 (Rated input power)	3.5kW





电动汽车充放电系列 EV charging and discharging series

新能源汽车V2L放电排插16A

NEV V2L discharging strip 16 A

- 3.5kW大功率，强大适配性
 - 小巧轻便轻装出行
 - 适配多种家电即插即用
 - 2.5mm²线径标准，安全无忧
- 3.5 kW high power and strong adaptability
 - Compact shape and light weight, make travel convenient
 - Adapt to various household appliances, and support plug and play
 - With a 2.5 mm² wire diameter, it is safe and reliable

产品参数 Product parameters

品名	(Product name)	品胜新能源汽车V2L放电插排16A/PISEN NEV V2L discharging strip 16 A
型号	(Model)	Kf28
额定电流 / 电压	(Rated current / voltage)	16AMAX250V~
额定功率	(Rated power)	3500W
绝缘电阻	(Insulation resistance)	>1000MQ(DC500V)
工作温度	(Operating temperature)	-30°C~+50C
防护等级	(Degree of protection)	充电连接插头/Connection plug for charging :IP54
耐压	(Withstand voltage)	2000V
线缆长度	(Cable length)	3m
线缆规格	(Cable specification)	3x2.5mm²



充电桩系列

轻松充电 满电出发

包括壁挂式充电枪、便携充电枪在内的多款优质产品，
轻松满足市面主流新能源电动汽车的充电需求。

Charging pile series

Easy charging Full battery for travel

A variety of high-quality products, including wall-mounted charging guns and portable charging guns,
can easily meet the charging requirements of mainstream NEVs in the market.





充电桩系列 Charging pile series

品胜便携式充电枪

PISEN portable car charging gun

- 5m/10m长度可选，耐磨TPE线，随车便携
- 16A/13A/8A电流自动调节，支持电子锁，快充不伤车
- 国标7孔插头，市面常见新能源汽车都能充
- IP54级防水防尘，室外使用也安心

- Optional length (5 m/10 m), wear-resistant TPE line, easy to carry in the car
- Automatic current adjustment among 16 A/13 A/8 A, support electronic lock, fast charging without damage to the car
- National standard 7-hole plug, which is applicable to common NEVs in the market
- IP54 grade waterproof and dustproof, Outdoor use is also reassuring

16A 电流
Current: 16 A

LCD LCD 状态屏显
LCD status screen display

 国标7孔插头
National standard 7-hole plug

产品参数 Product parameters

型号 (Model)	DT-A16A	充电连接插头 (Charging connection plug)	Ip54
额定电压 (Rated voltage)	AC 220VC±20%	线缆规格 (Cable specification)	3*2.5mm²+0.75mm²
额定频率 (Rated frequency)	50Hz	线缆长度 (Cable length)	5m/10m
额定电流 (Rated current)	16A Max	净重 (Net weight)	2kg (5M)
绝缘电阻 (Insulation resistance)	> 10MΩ	控制盒尺寸 (Control box size)	187mm*76mm*51mm
输出 (Output)	AC 220V 50/60Hz 16A Max		
存储温度 (Storage temperature)	-30°C ~ +85°C		
工作温度 (Operating temperature)	-20°C ~ +50°C		
操作湿度范围 (Operating humidity range)	3%~95%R (无凝结/no condensation)		
防护顶级控制盒 (Top-level protective control box)	Ip54		





充电桩系列 Charging pile series

品胜屏显联网充电桩

PISEN networked charging pile with display screen

- 国标7孔插头，兼容3.5kW/7kW，常见新能源汽车都能充
- 5m线长，0-16A和0-32A电流高效快充，加密刷卡防盗充
- 4.3寸液晶屏+LED灯，充电功率、电量、进度可视
- 三代处理芯片，12重保护功能，防火阻燃，充电安全放心

- National standard 7-hole plug, which is compatible with 3.5 kW / 7 kW and is applicable to NEVs in the market
- 5 m line length, 0-16 A and 0-32 A current for high-efficiency fast charging, encrypted card for anti-theft charging
- 4.3-inch LCD screen +LED light for viewing the charging power, electric quantity and charging progress
- Third-generation processing chip, twelvefold protection function, fire prevention and flame retardant, ensure safe charging



产品参数 Product parameters

型号 (Model)	TS-PSAC4001632A	贮存环境温度 (Ambient temperature for storage)	-40°C ~ +70°C
最大输出功率 (Maximum output power)	3.5kW、7kW	环境湿度 (Ambient humidity)	5%~95%R无凝霜，无结露/no condensation
输入电压 (Input voltage)	AC 220V	海拔高度 (Altitude)	不超过2000米/No more than 2,000 m
输入电压频率 (Input voltage/frequency)	50Hz±1Hz	防护等级 (Degree of protection)	IP54
输出电压 (Output voltage)	AC 220V	充电接口 (Charging port)	国标7孔插头/National standard 7-hole plug
输出电流范围 (Output current range)	0~16A/0~32A	通讯方式 (Communication mode)	RS485/RS232 (预留以太网/reserved Ethernet、GPRS)
绝缘电阻 (Insulation resistance)	≥10MΩ	显示屏 (Display screen)	4.3寸液晶彩屏/inch color LCD screen
控制模块功耗 (Power of control module)	≤7W	状态指示 (Status indication)	LED指示灯/indicator
工作环境温度 (Operating ambient temperature)	-25°C ~ +50°C	重量 (Weight)	≤6kg (含枪线/including gun line)

储能系列

高效省心的全场景用电体验

品胜储能系列拥有便携式储能、家庭储能、工商业储能等多种类型产品，多方位全场景地满足用户的用电需求。
储能系列产品均由中国人民保险承保，不仅便捷稳定，更安全放心。

Power station series

Efficient and safe full-scene electricity experience

Portable power station series has many types of products, such as Portable power station, household energy storage, industrial and commercial energy storage, etc., which can fully meet the electricity demand of users in all power consumption scenarios. Insured by the People's Insurance Company of China (PICC), the energy storage products are not only convenient and stable, but also safer and more assured.





电钻 (500W)
约1小时
Electric drill (500W)
Supply power for about 1 hour



平板 (40W)
约14小时
Pad (40W)
Supply power for about 14 hours



照明灯 (40W)
约14小时
Lighting (40W)
Supply power for about 14 hours



电饭锅 (600W)
约0.9 小时
Electric rice cooker (600W)
Supply power for about 0.9 hours



单反相机 (14Wh)
约39次
DSLR (14Wh)
Charging about 39 times



投影仪 (150W)
约3.5小时
Overhead projector (150W)
Supply power for about 3.5 hours



笔记本 (65Wh)
约7次
Laptop (65Wh)
Charging about 7 times



手机 (4000mAh)
约38次
Mobile phone (4000mAh)
Charging about 38 times

便携储能 Portable power station

荒野WILD 600

WILD 600

- 621.6Wh大容量，轻松满足停电/露营/直播等用电需求
- AC/DC/Type-C/USB/车充五种输出接口，九口可同时供电
- DC/Type-C双输入，支持PD100W双向快充，疾速充满手机笔记本
- 专利可分离磁吸式LED照明灯，户外作业更方便

- 621.6 Wh large capacity, which can easily meet the electricity demand of power failure/camping/live broadcast, etc
- There are five AC/DC/Type-C/USB/car charger output ports, all of which can supply power at the same time
- DC/Type-C dual input, support PD100 W two-way fast charging, quickly charge the mobile phone and notebook full
- Patented detachable magnetic LED lighting, which is more convenient for outdoor work

621.6Wh 大容量
Capacity up to 621.6 Wh

100W PD双向快充
100 W PD two-way fast charging

 专利照明灯
Patent lighting lamp



产品参数 Product parameters

品牌 (Brand)	品胜/PISEN	车充口 (Car charge port)	12V-10A(120WMAX)
品名 (Product name)	户外电源/Portable power station 600W	LED照明灯 (LED lamp)	1.5W MAX
型号 (Model)	TS-OPS01	总输出 (Total output)	600W MAX
标称容量/能量 (Nominal capacity/energy)	168000mAh/3.7V 621.6Wh	输入 (Input)	DC:12V-30V 150W MAX
输出 (Outputr)	DC1/2:12V-10A(120WMAX)	光伏充电 (Photovoltaic charging)	18V-7.5A MAX
	Type-C1:5V-3A 5V-4.5A 9V-2.22A 12V-1.67A 22.5W MAX	Type-C (Type-C)	5V-3A 9V-3A 12V-3A 15V-3A 20V-5A 100WMax
	Type-C2:5V-3A 9V-3A 12V-3A 15V-3A 20V-5A(3.3~11V-5A)100W MAX	状态显示 (Status display)	LCD显示屏/display screen
	USB1:5V-2.4A USB2:5V-3A 5V-4.5A 9V-2A 12V-1.5A(22.5W MAX)	工作温度 (Operating temperature)	-10°C-40°C
	AC1/2:220V~50Hz(持续功率/continuous power 600W MAX, 峰值功率/peak power 1200W MAX)	净重 (Net weight)	约/About 7.4kg
		尺寸 (Size)	303*230*191mm



电钻（500W）
约2小时

Electric drill (500W)
Supply power for about 2 hours



平板（40W）
约21小时

Pad (40W)
Supply power for about 21 hours



照明灯（40W）
约21小时

Lighting (40W)
Supply power for about 21 hours



电饭锅（600W）
约1.4 小时

Electric rice cooker (600W)
Supply power for about 1.4 hours



单反相机（14Wh）
约65次

DSLR (14Wh)
Charging about 65 times



投影仪（150W）
约6小时

Overhead projector (150W)
Supply power for about 6 hours



笔记本（65Wh）
约14次

Laptop (65Wh)
Charging about 14 times



手机（4000mAh）
约59次

Mobile phone (4000mAh)
Charging about 59 times

便携储能 Portable power station

超级快充户外电源 1000

Portable super fast charging power station 1000

- 1008Wh大容量，家庭应急/户外出游无惧断电
- 车充/AC/Type-C/USB/DC输出，支持10设备同充
- XT60接口可接入太阳能板充电，带专利可分离式磁吸照明灯
- PD100W快充

- 1,008 Wh large capacity, meet household power failure emergency/outdoor travel without fear of power failure
- Car charger /AC/Type-C/USB/DC output, support 10 devices to be charged at the same time
- XT60 port can be connected to the solar panel for charging, with patented detachable magnetic lamp
- PD 100W fast charge

1008Wh 耐久续航
1,008 Wh endurance

100W PD快充
100 W PD fast charge

支持UPS
Support UPS



产品参数 Product parameters

产品名 (Product name)	品胜-超级快充便携式储能电源1000 PISEN- Portable super fast charging power station 1000	输出波形 (Output waveform)	纯正弦波 /Net sine wave
型 号 (Model)	TS-OP502	直流输出 (DC output)	DC5521*2:12V-10A120WMAX
电池容量 (Battery capacity)	1008Wh		Type-C1: PD100W（单向/Unidirectional），Type-C2: PD20W
额定容量 (Rated capacity)	45000mAh/22.4V		USB-A1: QC18W/SCP22.5W，USB-A2:QC18W/SCP22.5W，DC1/2:12V-10A120WMAX
输入 (Input)	AC输入860W MAX，1.5个小时可充满，太阳能输入，XT60接口，300W功率，5-7个小时充满 AC input 860 W MAX, it can be fully charged in 1.5 hours; solar input and XT60 port 300 W power, it can be fully charged in 5-7 hours	工作温度 (Operating temperature)	充电温度/Charging temperature: 0°C~40°C，放电温度/discharging temperature: -10°C~45°C
交流输出 (AC output)	额定功率1000W，恒功率输出最大支持1800W，AC输出：2个 Rated power is 1,000 W, constant power output can support 1,800 W at most, and AC output: 2	产品重量 (Product weight)	12.5KG
		产品尺寸 (Size)	366*224*230mm
		其他 (Others)	磁吸灯/Magnetic lamp 1.5W MAX

便携储能 Portable power station

超级快充户外电源 2000

Portable super fast charging power station 2000

- 2.1度电可驱动2000W设备，电量充足，停电露营敞开来用
- 支持AC1500W/车充/太阳能输入，疾速自充，高效出门
- AC/Type-C/USB/DC/点烟口多种接口，支持十一设备同充
- 充速升级，PD100W大功率输出
- 专利磁吸式1.5W照明灯，可分离设计，方便户外照明

- 2,000 W equipment can be driven with 2.1 kWh, power is sufficient for camping and power failure
- Support AC 1,500 W/ car charger/solar energy input, which can realize fast self-charging and efficient travel
- Provide several AC/Type-C/USB/DC/cigarette lighters, support the synchronous charging of eleven devices
- Upgrade the charging rate, PD 100 W high power output
- Patented magnetic 1.5 W lighting lamp, which can be designed to be detachable to facilitate outdoor lighting



2150.4Wh 巨容
2,150.4 Wh huge capacity

PD100W 快充
Fast charging

支持UPS
Support UPS

产品参数 Product parameters

品牌 (Brand)	品胜/PISEN	型号 (Model)	TS-OPS10
品名 (Product name)	超级快充便携式储能电源2000/Portable super fast charging power station 2000	尺寸 (Size)	480*307*375mm
净重 (Net weight)	约27.5kg/About 27.5 kg	车充 (Car charger)	12V-10A120WMAX
标称容量/能量 (Nominal capacity/energy)	672000mAh/3.2V2150.4Wh	AC*3	220V~50/60H(持续功率/continuous power 2000WMAX, 峰值功率/peak power 4000WMAX)
输入 (Input)	MPPT:10V~36V 500WMAX、AC:200V~240V1500WMAX	LED照明灯 (LED lamp)	1.5W
USB输出 (USB Output)	Type-C1: PD100W	总输出功率 (Total output power)	2000WMAX
	C2:PD65W	放电温度 (Discharge temperature)	-10°C~40°C
	USB-A1/A2: SCP22.5W/QC18W	充电温度 (Charging temperature)	0°C~40°C



烧烤盘 (1300W)
约2小时

Barbecue plate (1300W)
Supply power for about 2 hours



电钻 (500W)
约3-4小时

Electric drill (500W)
Supply power for about 3-4 hours



车载冰箱 (60W)
约30小时

Car fridge (60W)
Supply power for about 30 hours



笔记本 (65Wh)
约29次

Laptop (65Wh)
Charging about 29 times



单反相机 (14Wh)
约130次

DSLR (14Wh)
Charging about 130 times



智能手机 (4000mAh)
约130次

Mobile phone (4000mAh)
Charging about 130 times



电风扇 (50Wh)
约36.5小时

Electric fan (50Wh)
Supply power for about 36.5 hours



无人机 (50Wh)
约36.5小时

UAV (50Wh)
Supply power for about 36.5 hours



搭配便携储能 For portable power station

100W太阳能电池板

100 W solar panel

- 166单晶硅片，输出效率≥90%，高效转化
 - 自带支架，可根据光照角度调整方向
 - 支持双电池板并联同充，防水防尘，耐磨耐用
 - 仅4.5kg，单手提起就走
- 166 monocrystalline silicon wafer, output efficiency ≥ 90%, with high conversion efficiency
 - Provide a bracket, the direction can be adjusted according to the illumination angle
 - Support parallel charging of dual battery panels, with the waterproof and dustproof, wear-resistant and durable features
 - Only 4.5 kg, lift it with one hand

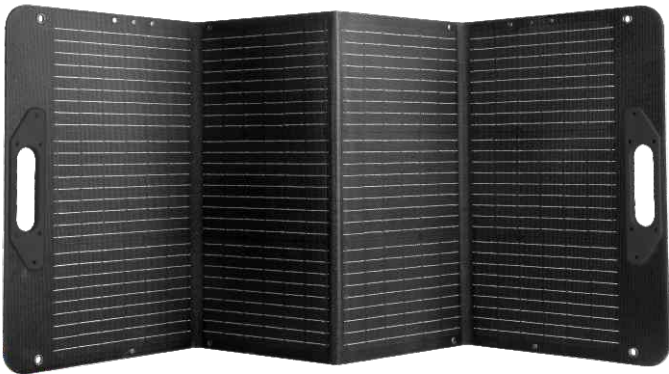
100W 功率
Power: 100 W

 适配储能电源
Adaptive energy storage power supply

 轻便易携
Lightweight and easy to carry

产品参数 Product parameters

品牌	(Brand)	品胜 / PISEN
产品名称	(Product name)	太阳能电池板 / Solar panel
型号	(Model)	TP-SE01
输出	(Output)	DC19V-5.26A, 100WMAX
接口	(Interface)	DC5.5*2.5mm
使用和存放温度 (Temperature for use and storage)		-20°C~60°C
电池类型	(Battery type)	166单晶硅片 / monocrystalline silicon wafer
展开尺寸	(Unfolding size)	1310*540*3.5mm
折叠尺寸	(Folding size)	540*365*32mm
重量	(Weight)	约 / About 4.5Kg





搭配便携储能 For portable power station

200W太阳能电池板

200W solar panel

- 72柔性硅片，输出效率≥90%，高效转化
 - 自带支架，可根据光照角度调整方向
 - 支持双电池板并联同充，防水防尘，耐磨耐用
 - 仅5kg，单手提起就走
- 72 flexible silicon wafer, output efficiency ≥ 90%, with high conversion efficiency
 - Provide a bracket, the direction can be adjusted according to the illumination angle
 - Support parallel charging of dual battery panels, with the waterproof and dustproof, wear-resistant and durable features
 - Only 5kg, lift it with one hand



200W 功率
Power: 200W

 适配储能电源
Adaptive energy storage power supply

 轻便易携
Lightweight and easy to carry

产品参数 Product parameters

品牌	(Brand)	品胜/PISEN
产品名称	(Product name)	太阳能电池板200W/Solar panel: 200 W
型号	(Model)	TP-SE02
输出	(Output)	DC19.8V-10.1A, 200WMAX
接口	(Interface)	MC4+30A安德森/Anderson+DC6530+XT60
使用和存放温度 (Temperature for use and storage)		-20°C~60°C
电池类型	(Battery type)	166单晶硅片/monocrystalline silicon wafer
展开尺寸	(Unfolding size)	2310*545*34mm
折叠尺寸	(Folding size)	530*545*64mm
重量	(Weight)	约/About4.7Kg (± 0.5 kg)



48V Wall-mounted
LiFePO4 Battery

48V/51.2V壁挂式 LiFePO4 电池，专为住宅储能设计，外观时尚简洁，支持壁挂安装

48V/51.2V wall-mounted LiFePO4 battery, designed for residential energy storage, stylish and simple appearance, support for wall mounting

此图片仅供参考，以实物为准
The picture is for reference only, and the physical product shall prevail.

家庭储能系列-堆叠式

Household energy storage series - stack-based

- LED 灯实时显示设备参数
LED lamp displays equipment parameters in real time
- 模块化结构，易于安装
Modular structure which is easy for installation
- 循环寿命长
Long cycle life
- 智能电池管理系统
Smart battery management system
- 支持多种通信协议
Support multiple communication protocols
- 最大支持 16 簇并联
Support parallel connection of 16 clusters at maximum
- 可搭配混合逆变器使用
Support to use it with hybrid inverter

Basic Parameters/ 基础参数	3-module	4-module	5-module	6-module	7-module	8-module
标称容量 (kWh)Nominal Capacity	7.68	10.24	12.8	15.36	17.92	20.48
电芯配组 Cell Matching	48S1P	64S1P	80S1P	96S1P	112S1P	128S1P
工作电压范围 (V) Working Voltage Range	136.8-172.81	182.4-230.4	228-288	273.6-345.6	319.2-403.2	364.8-460.8
重量 Weight (kg)	115	145	175	205	235	265
标称电压 (V) Nominal voltage	153.6	204.8	156.0	307.2	358.4	409.6
尺寸 Dimension (WxDxH) (mm)	550x430 x697.5	550x430 x826.5	550x430 x955.5	550x430 x1084.5	550x430 x1213.5	550x430 x1342.5
电芯类型 Battery Type	LFP(LiFePO4)					
额定工作电流 Nominal Working Current	50					
通讯方式 Communication Port	CAN/RS485					
工作温度范围 Working Temperature Range	Charge:0-45°C/Discharge:-10-50°C					
防护等级 Waterproof	IP55					
安装方式 Installation Method	Floor-standing					
循环寿命 Cycle Life	10 years					
峰值充放电电流 Peak charge/discharge current(@25°C,5S)	63A					
自放电率 Discharge rate of Module	≤3.5%/month/@25°C					
串联功能 Module Series connection/Module	3S~8S					
并联功能 Parallel connection	16 units in parallel/16 簇并联					

模块化自由堆叠

Modular free stacking, easy to use, a variety of choices

3-module

4-module

5-module

6-module

7-module

8-module

stacked

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家庭储能逆变器

Household energy storage inverter

产品亮点/Product features:

安全可靠/Safe and reliable

通过了IEC/EN62109-1/-2, IEC/EN62477-1, 南非NRS097-2-1;2017, IEC/EN 61000-6-1, IEC/EN 61000-6-3测试认证;
Passed the testing and certification of IEC/EN62109-1/-2, IEC/EN62477-1, South Africa NRS097-2-1; 2017, IEC/EN 61000-6-1, IEC/EN 61000-6-3;

友好灵活/Friendly and flexible

支持多机并联；支持柴油发电机灵活接入；兼容铅酸和锂离子电池接入；

经济实用/Economical and practical

支持智能EMS管理功能；支持并/离网自动切换功能，确保重要负载离网时不断电；

Support multi-machine parallel connection;Support flexible access of diesel generators;Compatible with lead-acid and lithium-ion battery access;

Support intelligent EMS management function;Support automatic switching function of grid connection / disconnection;Ensure that the important loads are continuously powered on when disconnection with grid;

技术参数	R3KL1	R3K6L1	R4KL1	R4K6L1	R5KL1	R6KL1
输入参数 (光伏) Input parameters (PV)						
最大功率 (kW) Maximum power (kW)	4.6	4.6	6	6	7	7
最大直流电压 (V) Maximum DC voltage (V)			550			
MPPT 电压范围 (V) MPPT voltage range (V)			125~500			
单MPPT最大输入电流 (A) Maximum input current of single MPPT circuit (A)			14			
MPPT 数量 / 各最大并联组串数Number of MPPT/maximum number of groups in parallel connection			2/1			
输出参数 (交流) Output parameters (AC)						
额定输出功率 (kVA)Rated output power (kVA)	3	3.68	4	4.6	5	6
最大输出电流 (A) Maximum output current (A)	13	16	17.4	20	21.7	26
电网电压范围 (V) Power grid voltage range (V)			230/176~270			
电网频率 (Hz) Power grid frequency (Hz)			50 / 60			
功率因数 THDi Power factor			0.8超前 ~0.8滞后0.8 lead ~ 0.8 lag			
电网连接类型 Type of power grid connection			L+N+PE			
电池数据Battery parameters						
电池电压范围 (V)Battery voltage range (V)			40~58			
最大充电电压 (V)Maximum charging voltage (V)			58			
最大充电 / 放电电流 (A)Maximum charging / discharging current (A)	95/62.2	95/75	95/83.3	95/95.8	95/104.2	95/110
电池类型Battery typeLithium/lead-acid batteries			锂电池 / 铅酸电池			
通讯接口Communication interface			CAN/RS485			
应急电源输出 (EPS) Emergency power supply (EPS)						
额定功率 (kVA) outputRated power (kVA)	3	3.68	4	4.6	5	6
额定输出电压 (V) Rated output voltage (V)						
额定输出电流 (A) Rated output current (A)	13	16	17.4	20	21.7	26
额定输出频率 (Hz) Rated output frequency (Hz)			50 / 60			
自动切换时间 (ms) Automatic switching time (ms)			<20			
THDu			<2%			
过载能力 Overload capacity			110%, 30S/120%, 10S/150%, 0.02S			
常规数据 Routine parameters						
电池充放电效率Battery charging and discharging efficiency			95.0%			
最大效率 Maximum efficiency			97.6%			
欧洲效率 European efficiency			97.0%			
MPPT 效率 MPPT efficiency			99.9%			
防护等级 Degree of protection			IP65			
噪音 (dB) Noise (dB)			<35			
环境温度范围 Ambient temperature range			- 25°C ~ 60°C			
冷却方式 Cooling mode			自然冷却/Natural cooling			
环境湿度范围 Ambient humidity range			0 ~95% 无冷凝/no condensation)			
海拔高度 Altitude			2000m以下不降额/No derating under 2,000 m			
尺寸W*D*H (mm) Dimension (W*D*H mm)			550*200*515			
重量 (kg) Weight (kg)			25			
隔离变压器 Isolation transformer			无			
待机自耗电 (W) Power consumption during shutdown (W)			<3			
显示与通信 Display and communication						
显示 Display			LCD			
通信方式/Communication mode RS485/Wifi/4G/ CAN/DRM			具备 / 可选 / 可选 / 具备 / 具备 / Available/optional/optional/available/available			
安规 Safety standard			IEC/EN62109-1/-2, IEC/EN62477-1			
EMC EMC			IEC/EN 61000-6-1, IEC/EN 61000-6-3			
并网 Grid-connection			South Africa NRS097-2-1:2017, UK G98/G99			



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工商业储能系列-机柜式

品胜 100kW/232kWh储能一体柜

Industrial and commercial energy storage series - cabinet type
PISEN 100 kW/232 kWh integrated energy storage cabinet

满配容量为232kWh，采用1000V直流电池系统，并对PCS、电池、BMS、EMS、热管理、配电和消防等模块进行优化集成，采用单簇充放管理，可实现满充满放。产品以“峰谷套利”、“应急备电”、“台区扩容”、“需量管理”等应用模式为主，集成谐波治理、无功补偿、三相不平衡治理、调峰调频等功能。多机柜之间还可按需并联，实现储能系统扩容。省心安装、便捷运维、即插即用，可广泛应用于用户侧和新能源侧等各种应用场景。



PISEN CUBE industrial and commercial energy storage equipment with full capacity of 232 kWh and 1,000V DC battery system adopted optimizes and integrates PCS, battery, BMS, EMS, thermal management, power distribution and fire protection, and adopts single cluster charging and discharging management to realize full charging and discharging. Mainly adopts application modes such as "peak valley arbitrage", "emergency power reserve", "transformer expansion", and "Demand-tariff management". With the functions of integrated harmonics suppression, reactive


power compensation, three-phase imbalance treatment, peak-load shifting, peak shaving and frequency modulation, etc. Multiple cabinets can be directly connected in parallel to realize the expansion and plug-and-play of energy storage system, so that it can be widely used in various application scenarios such as user side and new energy side.

 **峰谷套利**
Peak Valley Arbitrage

 **电网需求侧响应**
Grid Side Demand Response

 **台区扩容**
Transformer Expansion

 **应急备电**
emergency power reserve

 **AGC调频 油机微网供电**
AGC frequency modulation
Oil engine microgrid supply electricity

 **需量管理**
Demand-tariff Management

参数表 / parameter table		TS-IN0004/100-232W	
直流电池参数	DC battery parameters		
电芯类型	Cell type	LFP3.2V/280Ah	
电池 Pack 配置	Battery pack configuration	1P52S/46kWh	
电池系统配置	Battery system configuration	1P260S	
电池电压范围	Battery voltage range	728V-936V	
电池系统容量	Battery system capacity	232kWh	
温度检测	Temperature detection	电芯+铜排	Battery core + copper bar
交流参数(并网)	AC parameters (grid connection)		
额定功率	Rated power	100kW	
最大输出功率	Maximum output power	110kW	
额定电网电压	Rated power grid voltage	380V	
允许电网电压	Allowable grid voltage	-15%-10%	
额定电网频率	Rated grid frequency	50Hz/60Hz	
允许电网频率波动	Allow power grid frequency fluctuation	±5Hz	
功率因数	Power factor	-1(超前)-1(滞后)	-1 (lead) - 1 (lag)
交流电流谐波(THDI)	AC harmonics (THDI)	<3%(额定输出功率)	<3% (rated output power)
接入方式	Access mode	三相三线/三相四线	Three-phase three-wire/three-phase four-wire
满功率充放电转换时间	Full-power charge-discharge conversion time	<25ms	
系统参数	System parameters		
变流器最高效率	Maximum efficiency of converter	98.5%	
系统效率	System efficiency	>88%	
充放电倍率	Charge-discharge rate	≤0.5C	
保护	Protection		
直流输入	DC input	负荷开关+熔断器	Load switch + fuse
过压保护	Overvoltage protection	DC Type II/ACType II	
消防系统	Fire-fighting system	全氟已酮	Perfluorohexanone
常规参数	General parameters		
尺寸(宽x深x高)	Dimensions (W x D x H)	1300*1350*2200(宽深高 (W x D x H))	
进线方式	Mode of incoming lines	交流底部进线	AC incoming at bottom
允许环境温度	Allowable ambient temperature	-30°C~+60°C(>50°C降额/derating)	
允许相对湿度	Allowable relative temperature	0-100%	
最大工作海拔	Maximum operating altitude	4000m(>2000m降额/derating)	
质量	Mass	2500kg	
防护等级	Degree of protection	Ip54	
冷却方式	Cooling mode	水冷	Water cooling
通讯	Communication		
通信接口	Communication interface	RS485/Ethermet	
通信規約	Communication protocol	IEC61850/MODBUS-RTU/MODBUS-TCP	



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工商业储能系列-机柜式

品胜200kW/372kWh液冷能量柜

Industrial and commercial energy storage series - cabinet type
PISEN 200kW/372kWh Liquid-cooled energy cabinet

满配容量为372kWh，采用1500V直流电池系统，并对PCS、电池、BMS、EMS、热管理、配电和消防等模块进行优化集成，采用单簇充放管理，可实现满充满放。产品以“峰谷套利”、“应急备电”、“台区扩容”、“需量管理”等应用模式为主，集成谐波治理、无功补偿、三相不平衡治理、调峰调频等功能。多机柜之间还可按需并联，实现储能系统扩容。省心安装、便捷运维、即插即用，可广泛应用于用户侧和新能源侧等各种应用场景。



PISEN CUBE industrial and commercial energy storage equipment with full capacity of 372 kWh and 1,500V DC battery system adopted optimizes and integrates PCS, battery, BMS, EMS, thermal management, power distribution and fire protection, and adopts single cluster charging and discharging management to realize full charging and discharging. Multiple cabinets can be directly connected in parallel to realize the expansion and plug-and-play of energy storage system, so that it can be widely used in various application scenarios such as user side and new energy side.

power compensation, three-phase imbalance treatment, peak-load shifting, peak shaving and frequency modulation, etc. Multiple cabinets can be directly connected in parallel to realize the expansion and plug-and-play of energy storage system, so that it can be widely used in various application scenarios such as user side and new energy side.

峰谷套利
Peak Valley Arbitrage

电网需求侧响应
Grid Side Demand Response

台区扩容
Transformer Expansion

应急备电
emergency power reserve

AGC调频 油机微网供电
AGC frequency modulation
Oil engine microgrid supply electricity

需量管理
Demand-tariff Management

参数表/parameter table		TS-IN0007/160-372W	
直流电池参数	DC battery parameters		
电芯类型	Cell type	LFP 3.2V280Ah	
电池PACK配置	Battery pack configuration	1P52S	
电池系统配置	Battery system configuration	1P416S	
电池电压范围	Battery voltage range	1164.8-1497.6V	
电池系统容量	Battery system capacity	372kWh	
温度检测	Temperature detection	电芯+铜排	Battery core + copper bar
并网参数	AC parameters (grid connection)		
额定功率	Rated power	200kW	
额定电网电压	Rated power grid voltage	380V	
允许电网电压	Allowable grid voltage	-15%~10%	
额定电网频率	Rated grid frequency	50/60Hz	
允许电网频率波动	Allow power grid frequency fluctuation	±5Hz	
功率因数	Power factor	-1（超前）~1（滞后）	-1（lead）- 1（lag）
交流电流谐波(THDi)	AC harmonics (THDi)	<3%（额定输出功率）	<3%（rated output power）
接入方式	Access mode	三相三线/三相四线	Three-phase three-wire/three-phase four-wire
满功率充放电转换时间	Full-power charge-discharge conversion time	25ms	
系统参数	System parameters		
充放电倍率	Charge-discharge rate	≤0.5C	
保护	Protection		
直流输入	DC input	负荷开关+熔断器	Load switch + fuse
过压保护	Overvoltage protection	DC Type-II/AC Type-II	
消防系统	Fire-fighting system	全氟己酮	Perfluorohexanone
常规参数	General parameters		
允许环境温度	Allowable ambient temperature	-30~60℃	
允许相对湿度	Allowable relative temperature	0%-100%	
最大工作海拔	Maximum operating altitude	4000m（>2000m降额/derating）	
质量	Mass	约/About 4000kg	
防护等级	Degree of protection	IP54	
冷却方式	Cooling mode	水冷	Water cooling
通讯	Communication		
通讯接口	Communication interface	RS485/Ethernet	
通信規約	Communication protocol	IEC61850/MODBUS-RTU/MODBUS-TCP	

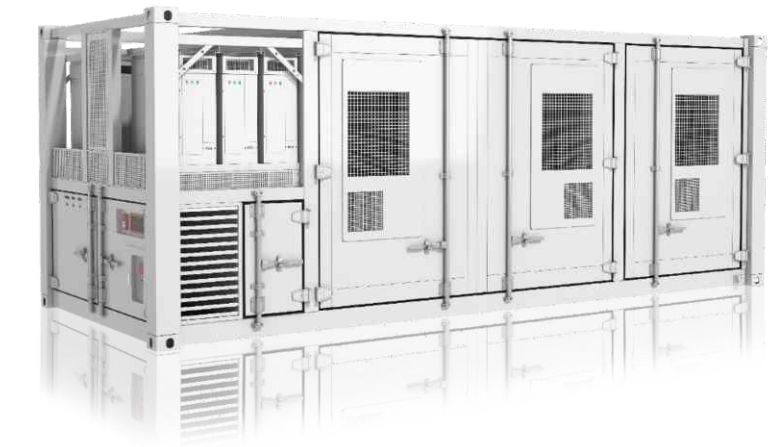


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工商业储能系列-集装箱式(开发中)

品胜工商储能一体机 PS-20C2H1200K

Industrial and commercial energy storage series-container type
(under development)
PISEN integrated industrial and commercial energy storage equipment PS-20C2H1200K



品胜PS-20C2H1200K储能集装箱，采用一体化设计理念将电池仓与电气仓集成于20尺集装箱内，具有能量密度高、安装方便、调试简单、运维方便等特点。
系统内置6台200kW储能变流器，配置6簇电池簇，适用于运行倍率0.5C场景应用需求。
产品采用1500V直流组串式设计，可实现一簇一管理。BMS采用全时主动均衡技术产品，具有均衡范围广，效率高，均衡电流大特点，大大提升系统效率。

项目/sports event		1kW/2kWh	1.1kW/2.2kWh
直流侧参数	DC side parameters		
电池类型	Battery type	磷酸铁锂/Lithium iron phosphate(LFP)	磷酸铁锂(LFP)
电芯循环寿命	Cycle life of cell	80%EOL,6000次循环/cycles @0.5C 25°C	
电芯规格	Cell specification	3.2V280AH	
电池簇配置	Battery cluster configuration	1P384S	1P416S
电池簇数量	Number of battery clusters	6	
额定容量	Rated capacity	2064kWh	2236kWh
额定电压	Rated voltage	1228.8V	1331.2V
电压范围	Voltage range	1075.2v~1363.2V	1164.8~1476.8V
交流侧参数	AC side parameters		
额定交流功率	Rated AC power	1000kW	1100kW
最大交流功率	Maximum AC power	1320kW	
额定电压	Rated voltage	690V	
电网电压范围	Power grid voltage range	586~759V（可调/adjustable）	
交流额定电流	Rated AC current	836.8A	
AC功率因数	AC power factor	-1→+1（超前或滞后（可调）/lead or lag (adjustable))	
AC输出	AC output	3W+PE	
整体参数	Overall parameters		
尺寸	Size	6058*2438*2591mm	6058*2438*2896mm
系统重量	System weight	26.5T	28.2T
冷却方式	Cooling mode	HVAC	HVAC
消防系统	Fire-fighting system	NOVE1230/FM-200	

With integrated design concept, PISEN PS-20C2H1200K integrates the battery compartment and the electrical compartment in a 20-foot container, so that it has characteristics of high energy density, convenient installation, simple debugging and convenient operation and maintenance.
Equipped with six sets of 200 kW energy storage converters and six battery clusters, the system is suitable for the application requirements of scenarios with operating ratio of 0.5C. With 1,500 V DC string design, the product can realize targeted management for each cluster. BMS adopts products with full-time active balance technology, which has the characteristics of wide balance range, high efficiency and high balance current, greatly improving system efficiency.

EMS云平台介绍

结合云平台全天候远程可视可控可调，方便运维，持续迭代

- 方便运行与维护，随时随地实现远程监视、启停控制、功率设定、运行模式控制等。
- 方便软件更新与迭代，可远程对控制策略进行升级和迭代。

Introduction of EMS cloud platform

Combined with the cloud platform, it can realize all-weather remote visual management, control and adjustment, which is convenient for operation and maintenance and continuous iteration.

- It is convenient for operation and maintenance and can realize remote monitoring, start-stop control, power setting and operation mode control anytime and anywhere.
- It is convenient for software update and iteration and is able to upgrade and iterate remotely the control strategy.



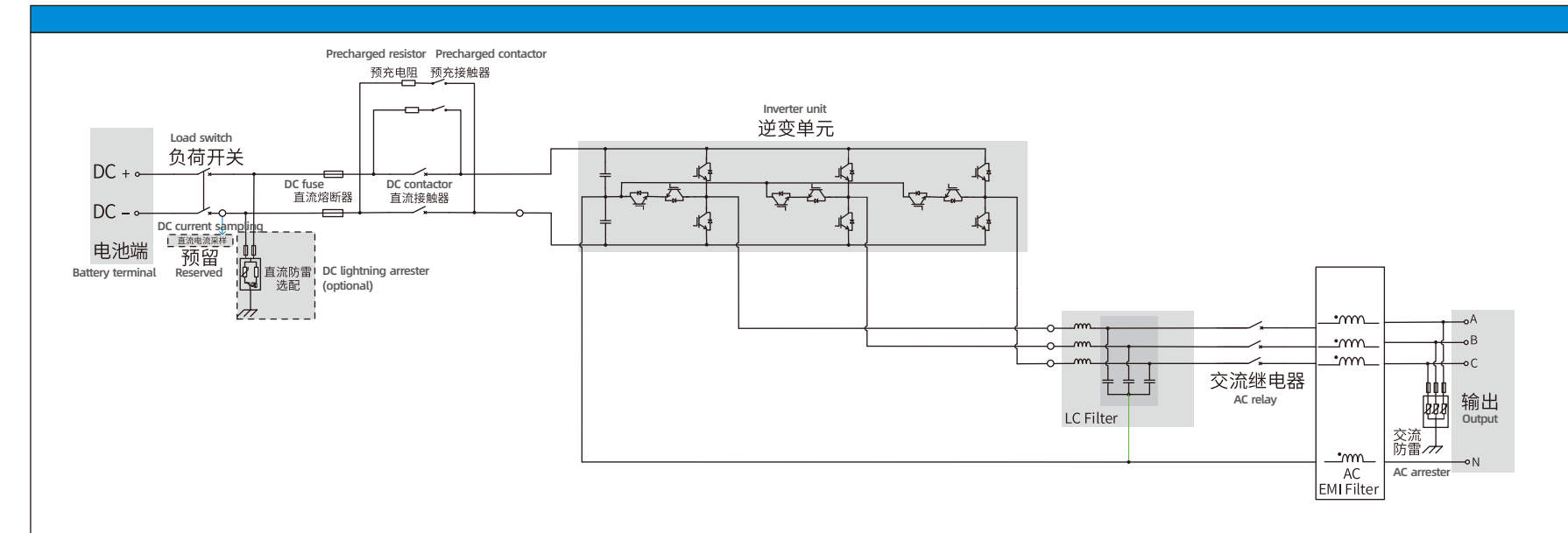
储能云监控系统/Energy storage cloud monitoring system

产品功能

- 磷酸铁锂电池系统，多层BMS电池管理系统，完备的数字化LCD显示。
- 支持电网电压调节。交直流一体柜采用分区布置，高低压及信号线分开布置，强、弱电二次回路分开敷设，每个功率接线端子只接一根导线，最大程度减少各类电磁干扰。
- 总控BMS和EMS高度集成，通过 EMS（BMS）与液冷系统、消防系统及其他辅助系统通讯，监控交直流各个子系统的工作状态，汇总处理各子系统的数据并上传，同时提供多级故障报警。
- 能量管理系统包含云平台+本地调度管理机制，可灵活配置充放电时间，达到削峰填谷、降低容量电价的目的。

Product function

- Provide Lithium iron phosphate battery system, multi-layer BMS battery management system and complete digital LCD display.
- Support grid voltage regulation. · The integrated AC/DC cabinet is arranged in zones, with high and low voltage lines and signal lines arranged separately, and the secondary circuits of high and low voltage laid separately; each power terminal is only connected with one wire, so as to minimize all kinds of electromagnetic interference.
- The master control BMS is highly integrated with EMS, which communicates with the liquid cooling system, fire protection system and other auxiliary systems through EMS (BMS), monitors the working state of each AC and DC subsystem, collects and processes the data of each subsystem and uploads it, and provides multi-level fault alarm.
- The energy management system includes cloud platform and local dispatching management mechanism, which can flexibly configure the charging and discharging time, so as to achieve the purpose of peak-load shifting and reduction of the capacity power price.



简易配电图/Simple distribution diagram

峰谷套利

工商业储能一体柜应用场景

工商业储能的盈利模式主要是“峰谷套利”——即在用电低谷时利用低电价充电，在用电高峰放电供给工商业用户。这样“一充一放”，用户既可以节约用电成本，也避免了拉闸限电的风险。

Peak-valley arbitrage

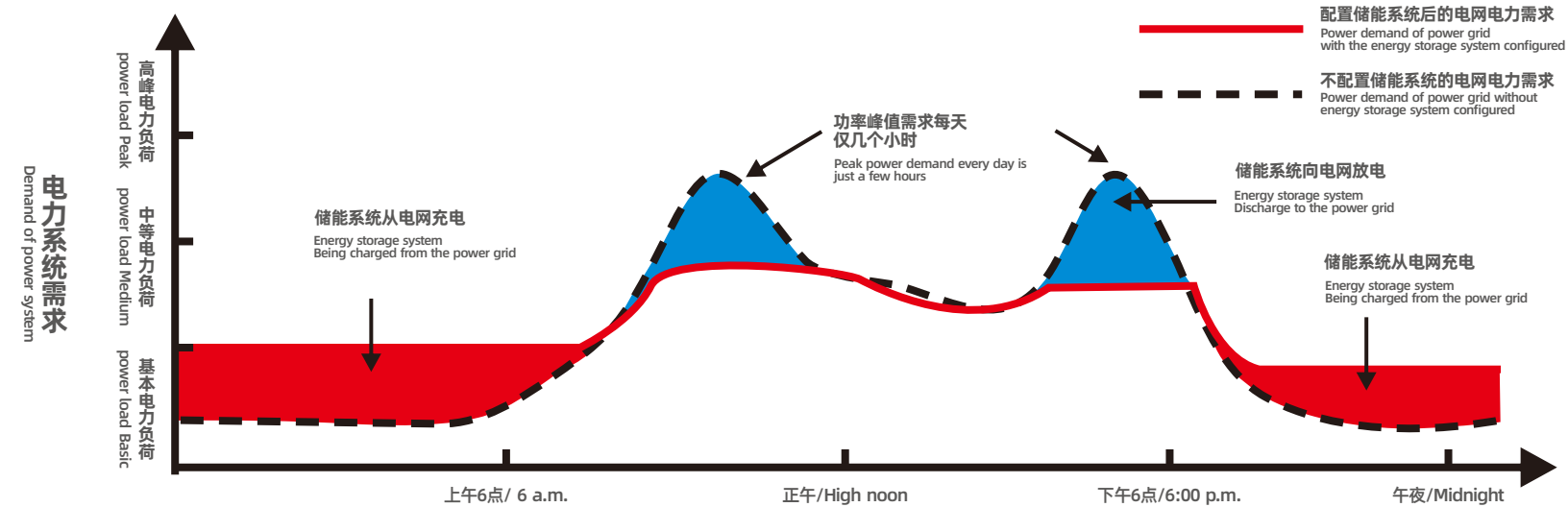
Application scenario of integrated industrial and commercial energy storage cabinet

The profit model of industrial and commercial energy storage is mainly “peak-valley arbitrage” - that is, charge at low electricity price when the electricity consumption is low, and supply power to industrial and commercial users when the electricity consumption is high. In this way, users can not only save electricity costs, but also avoid the risk of power cuts to limit consumption.

Due to the difference of peak-valley price difference between different provinces, the economic benefits of industrial

and commercial energy storage are also quite different. At present, domestic industrial and commercial energy storage is mainly concentrated in Jiangsu, Guangdong, Beijing, Zhejiang and other regions with high peak-valley price difference and developed industrial and commercial business, where the peak-valley price difference exceeds RMB 0.74 /kW, and the peak-valley price difference in Beijing exceeds RMB 1 /kW, so the peak-valley price difference of industrial and commercial energy storage in the above regions has great benefits.

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应用场景

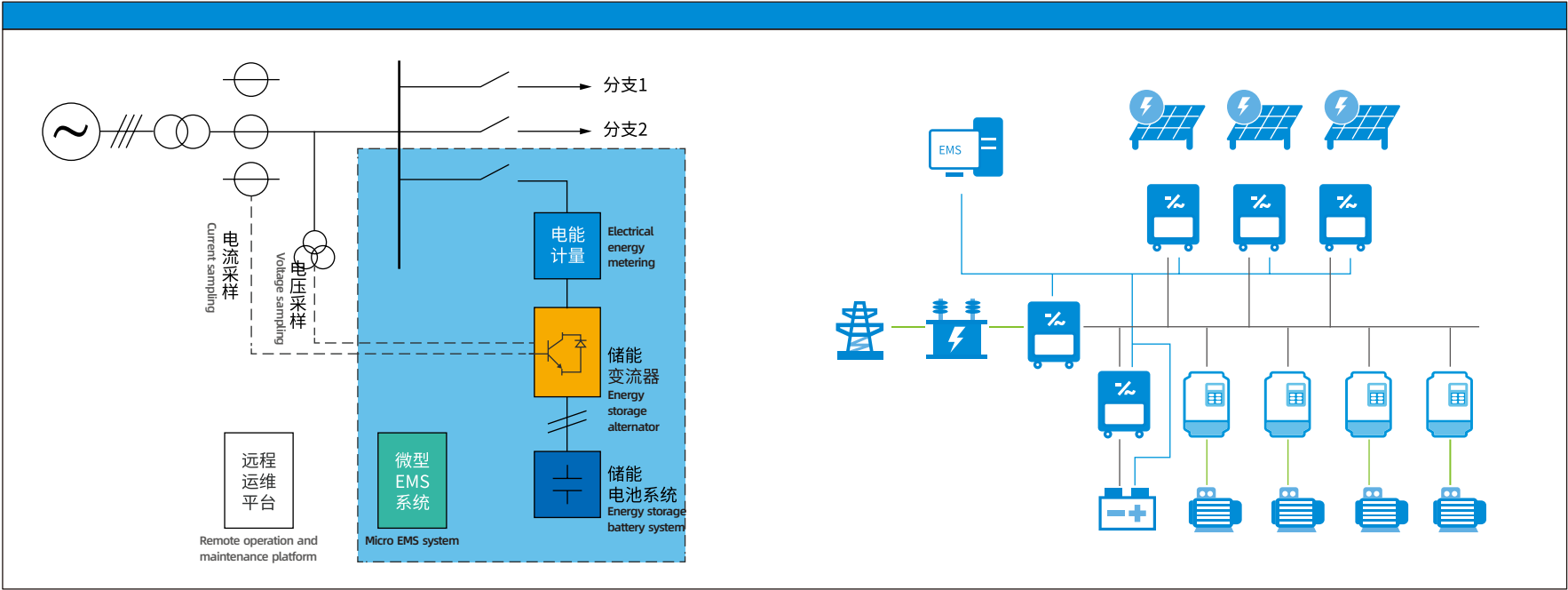
application scenario

台区扩容

Capacity expansion of station area

工商业企业 & 数据中心 & 园区储能 & 大工业

Industrial and commercial enterprises & data center & park energy storage & large-scale industry



Engineering
Application

工程应用

04

工程安装

Engineering installation

送装一体，标准化作业

购买产品后即可享受贴心安装服务；
严格遵守各项安规条款，满足各项国家标准和规程，
最大化保证安全。

Integrated services of delivery and installation, standardized operation

Users can enjoy intimate installation service after purchasing the product;
Strictly abide by all safety regulations, meet all national standards and regulations, and ensure safety to the maximum.

一对一定制服务

为满足不同客户和安装场景的需要，
我们每一个订单都会采用定制的安装方案，旨为了让
每一次安装都成为行业标杆。

One-to-one customized service

In order to meet the requirements of different customers and installation scenarios,
We will adopt a customized installation plan for each order, aiming to ensure that each installation service reaches an industry benchmark level.

极速安装

安装方案敲定后，最快八小时完成安装，
客户可自定义安装开始时间。

Fast installation

After the installation plan is finalized, the installation should be completed in eight hours at the earliest,
And the customer can customize the installation start time.

高品质售后服务

High quality after-sales services

服务价格 (Service price)	报价清晰，用事实说话 /The quotation is clear and based on fact and data
公司资质 (Qualification)	具有专业认证资质 /Professional certification qualification
人员保障 (Personnel guarantee)	工程师上门，经验丰富，人员充足 /Engineers with rich experience provides door-to-door services, and sufficient personnel
售后保障 (After-sale guarantee)	400全国热线，安排专人7*24小时待命 / National service hotline with start with 400, arrange special person to be on standby 24 hours a day and 7 days a week
专业保障 (Professional guarantee)	技能培训，客户至上 /Skills training, customer first

实物测试/安装

Physical testing/installation



售后服务

After-sales service

全渠道客户触达

客户可基于电话、网站、服务号等多种方式发起服务，所有服务需求进行统一管理和监控；基于服务号自助服务，便于客户预约、跟踪和评价，提升体验的同时提升客服效率。

Omni-channel customer contact service

Customers can initiate services based on telephone, website, service number and other ways, and all service requirements are managed and monitored in a unified way;

Self-service based on service number is convenient for customers to make appointments, track and evaluate, which can not only improve the experience, but also improve customer service efficiency.

更高效的现场服务管理

可自定义规则以实现智能派单，提供派单效率和准确性；基于移动APP，实现服务过程可视化、赋能服务人员；完整的故障、备件、工时等数据，便于统计分析。

More efficient field service management

Rules can be customized to realize intelligent order designating, so as to improve designating efficiency and accuracy;

Based on mobile APP, realize the visualization of service process and empower service personnel;

With complete data of failure, spare parts, working hours, it is convenient for statistical analysis.

多维度数据分析

提供服务申报、故障率、及时性、满意度回访等服务。

Multidimensional data analysis

Provide services such as service declaration, failure rate, timeliness and satisfaction return visit.





品胜20年 品质信赖

Reliable quality assurance provided by PISEN with 20-year experience

以德为先 品质取胜

First-class quality for customers with integrity