



UPS System

Voltage Stabilizer

Transformer

VFD Inverter

Soft Starter

Solar Inverter

CATALOG

TO BE GLOBAL LEADER IN POWER SOLUTIONS



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01 About US

BKPOWER focuses on the power field and integrates R&D and sales. Based in Shenzhen, it has modern offices with advanced facilities and a professional business environment.

We work closely with top R&D institutions and technical teams. Driven by independent innovation, it explores and develops power products to meet market demands. By introducing, absorbing, and re-innovating technologies, it has launched competitive products like UPS, Voltage Stabilizers, VFD Inverters, Soft Starters, Transformers and Solar Inverters. These high-efficiency and stable products provide reliable power for various industries.

With a professional sales team and market insight, BKPOWER's products are widely used in multiple fields, including steel, machinery, metallurgy, petrochemicals, ports, oil, natural gas, power, and banking. It offers comprehensive pre-sales, in-sales, and after-sales services, earning customer trust and praise.

Looking ahead, BKPOWER will keep up with the times, strengthen technological cooperation and innovation, expand its product line, and improve service quality. It aims to become a more influential power supplier and provide superior power solutions for global customers.



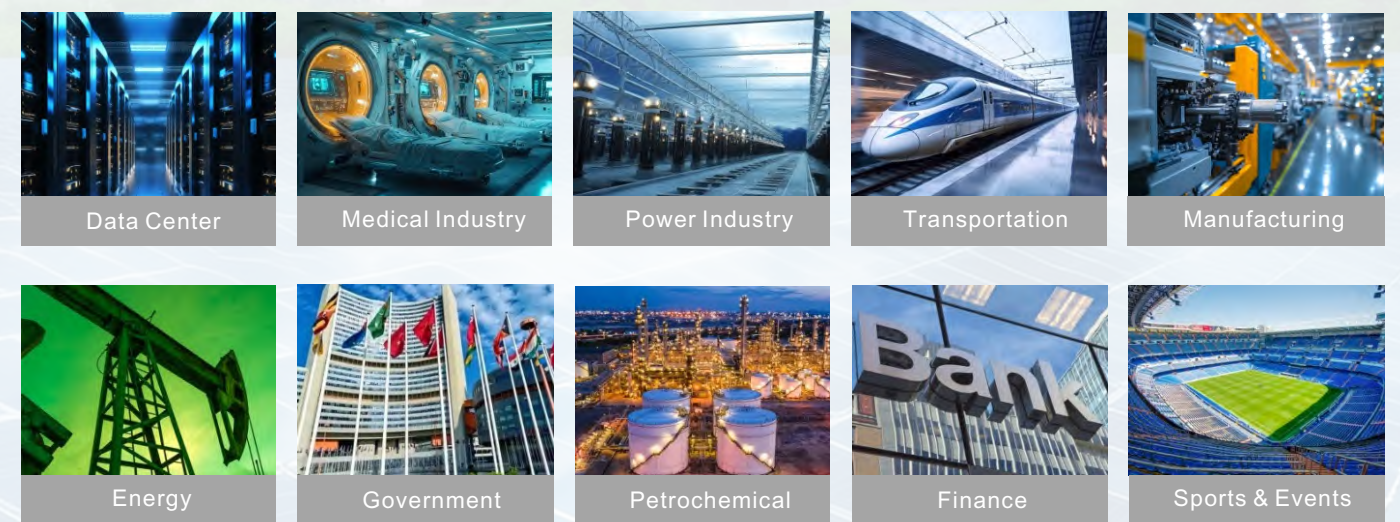
02 Manufacturing



03 Certifications



04 Applications





04 Product Series



UPS System



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01 UPS System: Industrial Frequency Online UPS



Overview

The BKPOWER industrial UPS Series is a high-performance line-frequency UPS (also known as a low-frequency UPS) designed for mission-critical applications requiring extremely high stability and reliability.

As a high-end transformer-type online UPS and a double-conversion line-frequency UPS, it integrates a heavy-duty industrial-grade isolation transformer, providing inherent electrical isolation and effectively shielding sensitive equipment from grid harmonics, electromagnetic interference (EMI), voltage spikes, and ground loops.

Features

- Industrial-Grade Line-Frequency Transformer Design
- True Double Conversion Technology
- Superior Load Adaptability
- Precise Voltage Stabilization
- Comprehensive Protection Mechanisms
- Smart Monitoring & Remote Management
- Strong Overload Capacity
- N+X Parallel Redundancy Design

Selection Guide

■ Single Phase Series	1 Phase In / 1Phase Out	6KVA~20KVA
■ Three Phase Series	3 Phase In / 1Phase Out	10KVA~40KVA
■ Three Phase Series	3 Phase In / 3Phase Out	10KVA~1000KVA

01 UPS System:High Frequency Online UPS



Overview

The BKPOWER high-frequency UPS series is a reliable 1-200kVA power protection solution designed for critical applications requiring continuous, clean, and stable AC power. Available in single-phase and three-phase configurations, this series offers high efficiency, a compact size, and rapid response to grid disturbances.

Utilizing advanced DSP control and an online double-conversion topology, it ensures seamless backup power during power outages, protecting sensitive equipment in data centers, medical facilities, industrial automation systems, and telecommunications infrastructure.

Features

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|--|---|
| ■ Pure online double-conversion technology | ■ Intelligent battery management |
| ■ Strong load adaptability | ■ Redundant design |
| ■ Ultra-wide input voltage and frequency range | ■ High reliability |
| ■ High efficiency and energy saving | ■ Three-proofing circuit board technology |
| ■ Full digital control | |

Selection Guide

■ Single Phase Series	1 Phase In / 1Phase Out	1KVA~10KVA
■ Three Phase Series	3 Phase In / 1Phase Out	10KVA~20KVA
■ Three Phase Series	3 Phase In / 3Phase Out	10KVA~200KVA

01 UPS System:Modular UPS



Overview

The BKPOWER Modular UPS Series is a flexible and scalable uninterruptible power solution designed for high-availability environments such as edge data centers, server rooms, and critical IT infrastructure.

Featuring a modular architecture with power modules ranging from 10kW to 50kW and system capacities scalable from 20kVA to 600kVA, it delivers pure sine wave output for clean, stable power protection.

Features

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|--|---|
| ■ Full Digital Control for Modular UPS | ■ Intelligent Battery Management for Modular UPS |
| ■ High Power Density & Hot-Swappable UPS Modules | ■ LCD Display & Multi-Language |
| ■ Independent Air Duct Design for Modular UPS | ■ Emergency Shutdown (EPO) for Global Safety Compliance |
| ■ N+X Parallel Redundancy for Modular UPS | |

Selection Guide

■ Three Phase Series	20KVA~120KVA	20KW/30KW(Power Module)
■ Three Phase Series	60KVA~600KVA	30KW/50KW(Power Module)

01 UPS System:Line Interactive UPS



Overview

The BKPOWER Line Interactive UPS series is designed for home, small office, small commercial premises, security, industrial control and other scenarios.

It has become the ideal choice for such applications. Designed and manufactured with international advanced technology, this UPS can provide stable and reliable power protection for computer systems and precision electronic instruments.

Features

- International Advanced Technology
- Microcomputer Digital Control
- Advanced DSP Control Technology
- Built-in Smart Charger
- AVR Automatic Voltage Regulation
- Simulated Sine Wave Output
- Auto-restart on Power Restoration
- Generator Compatibility

Selection Guide

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|-----------------------|-------------------------|--------------|
| ■ Single Phase Series | 1 Phase In / 1Phase Out | 450VA~3000VA |
|-----------------------|-------------------------|--------------|

01 UPS System:Rack Mounted Online UPS



Overview

The rack-mounted, high-frequency online double-conversion UPS designed for space-constrained IT and edge computing environments.

With models spanning 1–20kVA and supporting both single-phase and three-phase configurations, it delivers clean, stable, and uninterrupted power to protect critical loads such as network servers, telecom equipment, workstations, and small data centers.

Features

- Complete Isolation of Mains Interference
- Zero Transfer Time
- High Power Quality
- Extended Battery Life
- High Reliability
- High Efficiency
- Robust and Durable Materials
- Strict Production Process

Selection Guide

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|-----------------------|-------------------------|-------------|
| ■ Single Phase Series | 1 Phase In / 1Phase Out | 1KVA~10KVA |
| ■ Three Phase Series | 3 Phase In / 1Phase Out | 10KVA~20KVA |

02 Voltage Stabilizer : Contactless Voltage Stabilizer



Overview

The BKPOWER non-contact series is a new generation of three-phase digital contactless voltage stabilizer. Utilizing thyristor-based zero-wear switching technology, it achieves ultra-fast, maintenance-free, and high-precision voltage regulation. Unlike traditional servo motor regulators, it has no moving parts or mechanical contacts, thus avoiding wear, arcing, and downtime.

With the precision of DSP control, zero-crossing switching, and integrated fault diagnosis, it provides surge-free, high-efficiency voltage regulation, making it ideal for sensitive industrial, railway, defense, and research applications requiring continuous and reliable power.

Features

- Voltage regulation accuracy $\pm 1\%$
- Zero wear and long lifespan
- DSP digital control
- Silent and maintenance-free
- Millisecond-level response
- Thyristor module

Selection Guide

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|----------------------|------------------|---------------|
| ■ Three Phase Series | Contactless Type | 10KVA~3000KVA |
|----------------------|------------------|---------------|

02 Voltage Stabilizer: Servo Motor Voltage Stabilizer



Overview

The BKPOWER Servo Motor Voltage Stabilizer integrates high-speed servo motors, intelligent control circuits, and low-loss toroidal autotransformers into a single unit, achieving stable output through precise adjustment of the coil turn ratio.

This series of voltage stabilizers features an ultra-wide input range with voltage regulation accuracy of $\pm 3\%$, and integrates multiple protections such as overvoltage, undervoltage, overload, and short circuit protection.

Features

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| ■ Industrial-grade copper pillar winding | ■ Wide input range |
| ■ High efficiency and low loss | ■ Modular carbon brush |
| ■ Super overload capacity | ■ All-condition operation |

Selection Guide

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|-----------------------|---------------------|----------------|
| ■ Single Phase Series | Toroidal-Brush Type | 1KVA~10KVA |
| ■ Three Phase Series | Toroidal-Brush Type | 10KVA~120KVA |
| ■ Three Phase Series | Column-Brush Type | 120KVA~1000KVA |

03 Transformer



Overview

The dry-type transformers are our high-performance voltage-conversion solution. The line encompasses single-phase and three-phase designs in both auto-coupled and galvanically isolated constructions, with power ratings from 1 kVA to 500 kVA.

They provide low-loss, maintenance-free regulation for motors, drives, laboratories, medical equipment and any application demanding compact, reliable, noise-free power transformation.

Features

- Instantaneous Response to Fluctuations
- Strong Load Adaptability
- Proven and Reliable Structure
- High-Precision Voltage Regulation
- High Efficiency & Energy Savings
- Waveform Distortion-Free
- Safe and Reliable Protection

Selection Guide

■ Single Phase Series	Autotransformer	1KVA~50KVA
■ Three Phase Series	Autotransformer	2KVA~500KVA
■ Single Phase Series	Isolation Transformer	1KVA~50KVA
■ Three Phase Series	Isolation Transformer	1KVA~300KVA

04 VFD Inverter



Overview

The Variable Frequency Drive (VFD) is a 0.75–630 kW heavy-duty, high-performance current-vector inverter family that covers both single-phase and three-phase supplies and is offered in DC-AC as well as AC-AC topologies, delivering rugged, continuous-duty control for everything from small pumps to the most demanding heavy-load crushers.

Features

- Diversified and Precise Control Technology
- Intelligent Integration and Interconnection Capability
- Stable and Reliable Heat Dissipation and Protection Design
- Comprehensive Safety Protection System
- Convenient and Adaptable Installation and Working Condition Compatibility

Selection Guide

■ Single Phase Series	AC / DC-AC	0.75KW~11KW
■ Three Phase Series	AC / DC-AC	30KW~630KW

05 Soft Starter



Overview

The Soft Starter Series is a 0.75–630 kW high-performance motor-starting family that in-line, bypass, and built-in-bypass topologies to deliver smooth, reliable start-stop control for every three-phase asynchronous motor application.

Features

- Triple Start Modes, Adapt to Diverse Loads
- Comprehensive Protection System, Safe & Reliable
- Intelligent Communication & Centralized Control
- Pump-Specific Custom Functions, Scenario Optimization
- Flexible Installation & Strong Expandability
- Stable Heat Dissipation & Environmental Adaptability

Selection Guide

■ In-Line Soft Starter	220V System	15KW~220KW
■ In-Line Soft Starter	380V System	15KW~400KW
■ Built-in Bypass	220V System	0. 37KW~220KW
■ Built-in Bypass	380V System	0. 37KW~400KW
■ Bypass	220V System	5. 5KW~220KW
■ Bypass	380V System	5. 5KW~400KW

06 Solar Inverter



Overview

The solar inverter series is a comprehensive 1.5-11kW power conversion solution designed for residential and small commercial solar systems. Available in both off-grid and hybrid configurations, this series efficiently converts direct current (DC) generated by solar panels into high-quality alternating current (AC) for use by local loads or grid-connected operation.

Features

- All-in-One Compact Design for Easy Deployment
- UPS-Grade Seamless Power Switching
- Smart Triple-Source Energy Scheduling
- Flexible Parallel Expansion & Battery Compatibility
- Rugged Design for Harsh Environments
- Full-Stack Communication & Tool-Free Maintenance
- Comprehensive Safety Protection

Selection Guide

■ Hybrid Inverter	Photovoltaic/Battery/Power Grid	3KW~11KW
■ Off-Grid Inverter	Battery/Power Grid	4KW~11KW

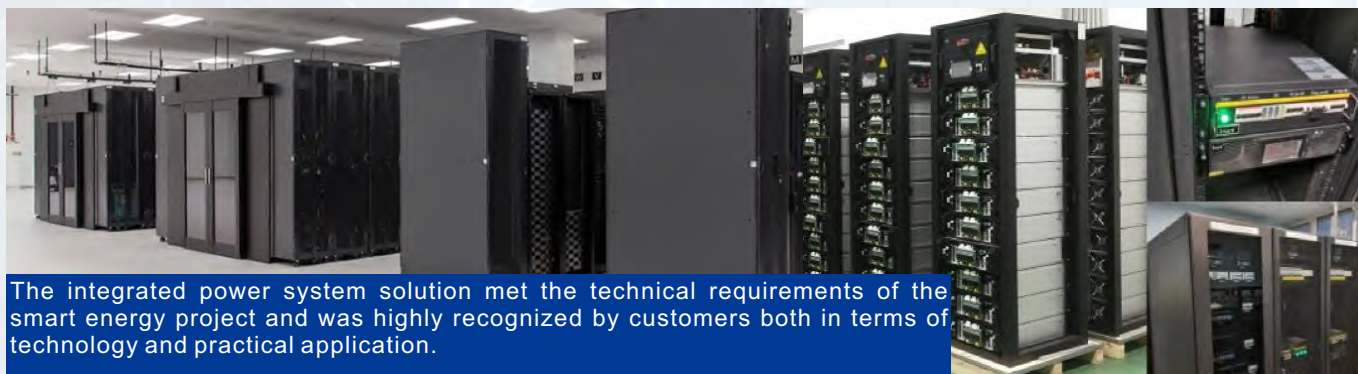
01 Xiamen Rail Transit Dedicated Communication System Project



02 China-Laos Railway "One Belt, One Road" Power Equipment Integration



03 Digital Fujian Cloud Computing Center Smart Energy Project



01 Introduce

Our Power Engineering Solution Team



Mr. Xiao Zhimin possesses over 30 years of experience in power engineering design, having led the completion of over 500 small and medium-sized power distribution projects. His expertise extends to industrial park standard factories, commercial shops, chain stores, office spaces, community facilities, and small data centers. He is proficient in 10kV/0.4kV user power receiving systems, metering configuration, reactive power compensation, and end-point power quality optimization.

Global Power Engineering Solution

We focus on low-voltage power projects below 20kVA. Leveraging close collaboration with over 20 power design institutes, we have assembled an expert technical team specializing in small and medium-sized power supply and distribution systems, led by Chief Design Expert Mr. Xiao Zhimin.

Our team operates on the core principles of "small yet precise, fast yet stable, economical yet safe," providing clients with one-stop low-voltage power solutions, from accurate load assessment and customized distribution cabinets to intelligent monitoring deployment. This ensures that even small-capacity projects achieve high safety, high compliance, and long-term operational reliability.

Advantages

- Single-Point Coordination
- High Cost-Effectiveness
- Green & Smart
- End-to-End Control
- Professional Assurance
- Full Lifecycle Support

02 End-To-End for all power supporting projects



Power System Planning & Design

Tailored for industrial, commercial, and public utility users. We analyze power needs and future expansion plans to design scientific schemes—including substation location/capacity, transmission line routing, and distribution equipment selection—ensuring stable power supply.

Equipment Procurement & Quality Control

Procure full-range power equipment (transformers, voltage stabilizers, UPS, switchgear, etc). Rigorous brand screening, parameter verification, and quality inspections ensure compliance with design and user requirements, balancing quality and cost.



Construction, Installation & Safety Management

Professional construction teams operate per design and specifications. Strict safety measures and full-process quality supervision ensure on-time, safe project delivery.



Commissioning & Trial Operation

Advanced testing equipment is used to verify power parameters, equipment performance, and the reliability of protection devices. Only after all indicators meet the standards can the equipment be officially delivered.



Post-operation Maintenance

Regular maintenance services (cleaning, inspection, lubrication, replacement of wearing parts) detect and resolve potential issues, extending the power system's service life and ensuring long-term stable operation.



03 Power Engineering Cases

Integrated Electrical Design Solution for E-Commerce Industrial Park



Shenzhen park—R&D, commerce, dorms, bus hub, 1,483 bays—needs strong power for mixed loads, EV. “High cap, safe+, smart, lean” full-scene plan keeps energy solid.

Integrated Power Supply System Solution for Hospital

Shenzhen med hub—outpatient, inpatient, tech, research, 1,440 bays—needs steady power for care, labs, ops, EV. “Safe+, exact, smart, lean” full-scene plan lifts quality.



Integrated Electrical Design Solution for Metro Project



Guangming Xinhua metro mix—homes, shops, offices, public, 753 bays—needs flex power for life, work, EV. “Zone-fit, safe, smart, lean” full-scene plan sustains quality.

Integrated Power Supply System Solution for Art Museum

KA Art Museum, 29,730 m², nine halls, lecture, storage, hosts Watercolor Biennale. Full-chain supply keeps power safe, stable.

