



User-Friendly Interface 10KVA 3-Phase High Frequency Uninterruptible Power Supply

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: Daxin
- Certification: CE
- Model Number: EX 3C3 10K
- Minimum Order Quantity: 1 pc
- Packaging Details: Woodcase/ Paper box
- Delivery Time: 25-35 days
- Payment Terms: T/T
- Supply Ability: 6000pcs/month



Product Specification

- Features: High Efficiency UPS, Online UPS
- Size(D*W*H): 592X250X576mm
- Net Weight: 38kg
- Transfer Time: 0 Ms
- Load Capacity: 10K VA
- Wide Mains Input Range: 110 V – 300 V
- Alarm System: Yes
- Highlight: 10KVA High Frequency Uninterruptible Power Supply
, 3-Phase High Frequency UPS,
User-Friendly Interface High Frequency UPS



More Images



Product Description

User-Friendly Interface 10KVA 3-Phase High Frequency Uninterruptible Power Supply

High - Frequency UPS: The Epitome of Reliable and Efficient Power Solutions for Businesses

In the dynamic realm of business operations, a stable and reliable power supply is non - negotiable, especially for critical applications.

Our High - Frequency UPS is engineered to meet these exacting requirements, offering a blend of advanced features that ensure seamless business continuity.

Exceptional Mains Input Adaptability

The High - Frequency UPS boasts an impressively wide mains input voltage range, spanning from 110 V to 300 V.

This remarkable feature enables it to function with ease in diverse environments, including regions characterized by unstable electrical grids. Even in the face of fluctuating power supplies, it maintains a consistently high level of efficiency, safeguarding your sensitive equipment from potential damage caused by voltage irregularities.

This adaptability eliminates the concerns associated with power - related disruptions, allowing your business to operate without interruptions.

Intelligent Thermal Management

Equipped with a sophisticated smart fan control system, our High - Frequency UPS actively regulates its internal temperature.

By precisely adjusting the fan speed based on real - time temperature readings, it ensures that the UPS operates at its optimal performance level at all times.

This not only enhances the overall reliability of the unit but also contributes to its longevity, reducing the need for frequent maintenance and replacements.

In a business setting, this means fewer operational disruptions and lower long - term costs.

Advanced Battery Management

At the heart of our High - Frequency UPS lies an intelligent battery management system, a crucial feature for ensuring uninterrupted power backup.

This system constantly monitors the battery's state of charge, health, and performance, ensuring that the UPS is always primed to provide emergency power when required.

It employs advanced charging algorithms to prevent overcharging and undercharging, effectively extending the lifespan of the batteries.

For businesses, this translates to extended periods of reliable backup power during outages, protecting valuable data and maintaining critical operations.

Uninterrupted Power Supply Assurance

As an on - line uninterruptible power supply (UPS), our High - Frequency model guarantees seamless power delivery to connected devices, even during sudden power outages.

The double - conversion technology employed ensures that the incoming AC power is continuously converted to DC and then back to AC, providing a clean and stable power output.

This eliminates any potential power glitches or interruptions that could affect your equipment, making it an ideal choice for businesses and organizations where downtime is simply not an option.

Whether it's a data center, a financial institution, or a healthcare facility, our High - Frequency UPS provides the peace of mind that comes with reliable power protection.

Invest in our High - Frequency UPS and experience a new level of power reliability and efficiency for your business.

With its robust features and proven performance, it is the ultimate power solution for critical applications, ensuring that your operations run smoothly, day in and day out.

Key Features:

1. High-Reliability Design

True Double-Conversion Online Topology

> Pure sine wave output with voltage stabilization, noise filtering, and frequency synchronization.

> Immune to grid fluctuations, ensuring uninterrupted power for critical IT/industrial loads.

Dual-CPU Modular Control

> Enhances system stability and operational efficiency.

Smart Battery Charging

> CPU-controlled charging adjusts current based on battery capacity, prolonging battery life.

Low Harmonic Distortion (Compliant with US/EU Standards)

> Built-in input/output harmonic filters minimize grid pollution and protect co-located equipment.

Near-Unity Input Power Factor (PFC Technology)

> Maintains $PF \geq 0.99$ under full load, reducing energy waste.

Wide Input Voltage Range (380VAC $\pm 25\%$)

> Minimizes battery usage in unstable grid conditions.

Generator Compatibility

> High-speed frequency synchronization reduces generator sizing requirements (only 2x UPS input power needed).

DC Start Function

> Enables UPS activation without grid power for emergency scenarios.

2. Comprehensive Protection Mechanisms

Multi-Layered Safeguards:

> Output overload/short-circuit protection

> Inverter over-temperature protection

> Battery under-voltage warning & overcharge prevention

Manual Bypass Switch

> Seamless transition to mains power during maintenance or faults.

3. User-Friendly Monitoring & Control

LCD Display

> Real-time status updates and parameter tracking.

Remote Management Options:

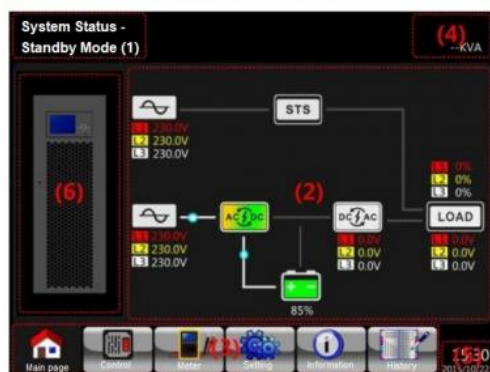
RS232/RS485 & SNMP support for network monitoring.

> Compatible with Windows®, Linux, and macOS

Optional Intelligent Battery Monitoring

> Detects individual cell faults (over/under-voltage, imbalance) with alerts displayed on-screen.

LCD Display:



- (1) UPS Operation Mode: Displays the current operation mode and status of the UPS.
(2) UPS Flow Chart: Shows the current flow chart and measurement data.
(3) Main Menu: Touching each icon allows access to the corresponding sub - menu.
(4) UPS Rated Power: Displays the rated power of the UPS.
(5) Date and Time: Displays the current date and time.
(6) UPS Status: The meanings of each icon are as follows:

Icon	UPS Status
	The UPS is operating in standby mode or shutdown mode.
	The UPS is operating in online mode or inverter mode.
	The UPS is operating in bypass mode or energy - saving (ECO) mode.
	The UPS is operating in battery mode or battery test mode.
	A fault has occurred during the UPS operation.

4. Rugged Environmental Adaptability

Fully Sealed PCB Enclosure

> Conformal coating ("3-proof" protection) for resistance to dust, humidity, and corrosive elements.

Wide Operating Range:

Temperature: 0–40°C (battery lifespan decreases above 25°C)

Humidity: Up to 95% (non-condensing)

Altitude: <1,000m

Technical Parameters:

Parameter	Specification
Model	EX 3C3 10K
Capacity	10KVA / 8KW
Input	
- Voltage Range	110–300VAC (L-N) ±3%
- Frequency Range	46–54Hz (50Hz) / 56–64Hz (60Hz)
- Phase	3-Phase + Ground
- Power Factor	≥0.99 @ 100% load
Output	
- Voltage	360/380/400/415VAC (3Ph+N) ±1%
- Frequency (Sync)	Matches input in AC mode; 50/60Hz ±0.1% in battery mode
- THD	≤2% (linear load) / ≤5% (non-linear)
- Overload Capacity	110%: 10min (AC) / 30s (Battery)
Battery	
- Standard	16x 12V/9Ah (90% charge in 9h)
- Extended Runtime	Configurable (16–20 cells)
Efficiency	>90.5% (AC) / >87% (Battery)
Physical	592×250×576mm (D×W×H), 38kg
Noise Level	<60dB @ 1m

Ideal Applications

Data centers, industrial control systems, and critical IT infrastructure
Renewable energy plants (e.g., hybrid power stations)
Harsh environments (tunnels, outdoor sites) requiring robust UPS solutions

Ensure seamless power continuity with a UPS designed for precision, durability, and smart management.
(Contact us for custom configurations or extended battery solutions.)

Support and Services:

The High Frequency UPS product offers technical support and services to ensure reliable and efficient performance. Our team of experts offer remote monitoring and diagnostic services to detect and resolve any issues quickly. Additionally, we provide training and consulting services to help optimize your system's performance and ensure that it meets your specific needs. With our comprehensive technical support and services, you can have peace of mind knowing that your High Frequency UPS product is always working at its best.

Packing and Shipping:

Product Packaging for High Frequency UPS:

- 1 High Frequency UPS unit
- 1 User Manual
- 1 Power Cord

Shipping Information:

Weight: 38kgs
Dimensions: 592X250X576mm (D*W*H)
Shipping Method: By sea/air/courier

01

Stable and Reliable

With the EXIST line - interactive double - conversion technology, it completely eliminates the impact of power failures , effectively ensuring that the load operates without interruption .



02

Ultra - wide Voltage Range

It has an ultra - wide voltage input range, which effectively reduces the number of battery discharges and extends the battery life.

03

Green and Energy - efficient

It reduces energy loss, with an efficiency of up to 90%. It has a super - small volume, significantly saving space compared to traditional UPS systems



04

User - friendly

It is convenient to operate , with an LCD display and a user - friendly interface. The standard configuration includes built - in batteries.



Our Factory-production lines:





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