



0ms Transfer Time 40KVA High Frequency Online UPS Enterprise-Grade Power Protection

Our Product Introduction

Basic Information

- Place of Origin: CHINA
- Brand Name: Daxin
- Certification: CE
- Model Number: EX 3C3 40K
- 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

- External Battery Connector: Yes
- Smart Slot: Yes
- Load Capacity: 40KVA / 32KW
- Input Voltage: 285-475VAC (3Ph+N)
- Transfer Time: 0 Ms
- Battery System: 36-40 Cells (configurable)
- Highlight: 40KVA High Frequency Online UPS,
Enterprise-Grade High Frequency Online UPS



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Product Description

0ms Transfer Time 40KVA High Frequency Online UPS Enterprise-Grade Power Protection

Ideal Deployment Scenarios:

- Hyperscale Data Centers** - Protects high-density server racks
- Industrial Manufacturing** - Ensures continuous production line operation
- Healthcare Facilities** - Safeguards critical diagnostic imaging systems
- Broadcast Studios** - Prevents equipment damage from power anomalies

Technical Parameters:

Parameter	Specification
Model	EX 3C3 40K
Capacity	40KVA / 32KW
Input Characteristics	
- Voltage Range	285–475VAC (3Ph+N)
- Frequency Tolerance	50/60Hz $\pm 10\%$
Output Performance	
- Voltage Stability	$\pm 1\%$ (steady state)
- THD	$< 2\%$ (linear load)
- Overload Capacity	150% for 1min
Efficiency	94.5% (online)
Battery System	36–40 cells (configurable)
Physical	815×300×1000mm (66kg)

Unmatched Power Stability for Critical Loads

1. Advanced Double-Conversion UPS Technology

- Pure Sine Wave Output (THD $< 2\%$)** - Delivers clean power for sensitive medical/industrial equipment
- Wide Input Voltage Window (285-475VAC)** - Handles severe grid fluctuations without battery drain
- Precision Voltage Regulation ($\pm 1\%$)** - Maintains stable output during 100% load transitions

2. Intelligent Power Management Features

- Active PFC (PF > 0.99)** - Reduces energy costs and electrical infrastructure requirements
- Dynamic Frequency Tracking ($\pm 1\text{Hz/S}$)** - Ensures seamless generator compatibility
- 3:1 Crest Factor Support** - Handles high inrush currents from servers and motors

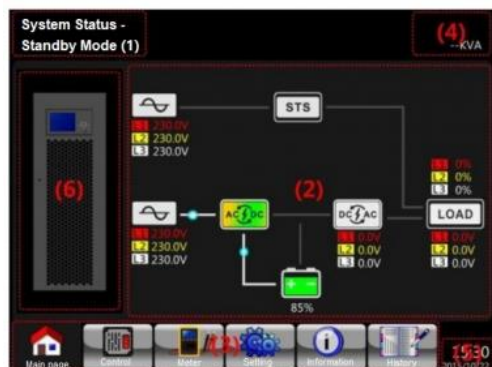
3. Robust Protection Architecture

Multi-Level Safeguards:

- Short-circuit/overload protection (up to 160% capacity)
- Battery overcharge/under-voltage prevention
- Zero-Transfer Static Bypass** - Maintains power during internal faults
- Hot-Swap Maintenance Bypass** - Enables servicing without downtime

4. Enterprise Monitoring Capabilities

- Interactive LCD Display** - Real-time visualization of load/kVA metrics
- Dual Communication Ports** - RS485 + SNMP for network integration
- Expandable Battery Monitoring** - Optional cell-level voltage/temperature tracking



- (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.

Engineered for Extreme Reliability:

IP42-rated enclosure for dust protection

-40°C to +70°C storage range

85% load capacity at 40°C ambient

Available in:

N+1 redundant configurations

Custom battery cabinets for extended runtime

Compliant with IEC 62040-3 Class 1 standards for voltage/frequency variation.

Support and Services:

The High Frequency UPS product is designed to provide reliable and efficient power protection for critical equipment. Our technical support team is available to assist with any product inquiries or issues that may arise. Our services include:

24/7 technical support hotline

Remote monitoring and diagnostics

Preventative maintenance and inspections

Emergency repair services

Training and education on product use and best practices

We are committed to ensuring the uptime and performance of your critical equipment, and our technical support and services are designed to help you achieve that goal.

Product Packaging:

High Frequency UPS unit

Power cord

User manual

Warranty card



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