



Professional-Grade 100KVA UPS System with True Online Double Conversion Technology

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: Daxin
- Certification: CE
- Model Number: EX 3C3 100K
- 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

- Dimensions: 974×600×1600mm
- Weight: 117kg
- LCD Display: Yes
- Remote Management: RS232/485 / SNMP
- Transfer Time: 0 Ms
- Input Voltage: 3×380VAC/400VAC(3Ph+N)
- Highlight: **double conversion high frequency ups ,
double conversion ups uninterruptible power supply**



More Images



Product Description

Industrial-Grade 100KVA Online UPS System with True Double Conversion Technology

Why Choose This Online UPS?

Zero Downtime: True online double conversion eliminates power gaps

Energy Efficient: 94% efficiency reduces operating costs

Future-Proof: Scalable battery cabinets for runtime extension



Applications:

Data centers, medical facilities, industrial automation where continuous power is non-negotiable.

Government

Military

Banking

Financial

Server

Network Workstation

Network Closet

VoIP Device

Large Network Peripheral

Aerospace

Missile

IT Equipment

Key Features:

1. Advanced Power Protection

True online double-conversion topology ensures pure sine wave output with:

- ✓ Frequency synchronization & phase locking
- ✓ Voltage stabilization ($\pm 1\%$ typical)
- ✓ Noise filtration

Complete isolation from grid fluctuations (285-475VAC input range)

2. Intelligent Control System

Dual-CPU redundant architecture with:

- ✓ Adaptive battery charging (10-40A programmable)
- ✓ Active PFC (input $PF \approx 1$ at all loads)

IEEE/EN-compliant harmonic filters (<5% THD)

3. Mission-Critical Reliability

Overload capacity:

Load	Duration
110-150%	10min-1min
>160%	200ms

Seamless transfers:

- ✓ AC ↔ Battery: 0ms
- ✓ Inverter ↔ Bypass: ≤10ms

Technical Specifications

Category	Parameter	Specification
Input	Voltage Range	285-475VAC (3Ph+N)
	Frequency Range	50/60Hz ±10%
Output	Voltage Stability	±1% (steady state), ±5% (transient)
	THD	<2% (linear), <5% (non-linear)
Efficiency	Online Mode	94%
	Battery Mode	93.5%
Battery	Configuration	32-40×12V cells (adjustable)
	Charge Current	10A default, 40A max

Industrial-Grade Protection

Multi-Layer Safeguards:

- ✓ Output overload/short-circuit protection
- ✓ Inverter overtemperature shutdown
- ✓ Battery under/over voltage protection

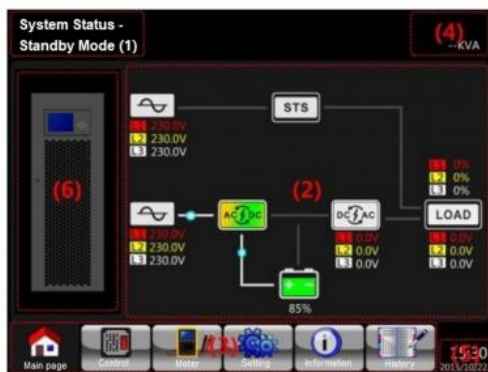
Maintenance Bypass: Non-interrupted transfer to utility power

Monitoring & Control

LCD Interface: Real-time status display with event logging

Remote Management: RS232/485, SNMP, and monitoring software

Optional Battery Monitoring: Per-cell voltage detection with alarms



- (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.

Rugged Construction

Dimensions: 974×600×1600mm

Weight: 117kg

Environmental Rating:

- ✓ Conformal-coated PCBs for harsh environments
- ✓ Operates at 0-40°C (<95% humidity)



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