



## Industrial-Grade 30KVA Online UPS System – Premium Power Protection for Critical Infrastructure

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: Daxin
- Certification: CE
- Model Number: EX 3C3 30K
- 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

- RS-232 Interface: Yes
- Load Capacity: 30KVA/24KW
- Size(D\*W\*H): 815x300x1000mm
- Transfer Time: 0 Ms
- Efficiency: > 94.5%
- Support External Battery: Yes
- Highlight: 30KVA Online UPS System, Industrial-Grade Online UPS System



### More Images



## Product Description

### Industrial-Grade 30KVA Online UPS System – Premium Power Protection for Critical Infrastructure



#### Why Choose This UPS Solution?

##### 1. True Online Double-Conversion Technology

**Pure Sine Wave Output** – Ensures clean, stable power for sensitive IT and industrial equipment

**Advanced Frequency Synchronization** – Tracks input frequency ( $\pm 1\text{Hz/S}$ ) for seamless grid/battery transitions

**Wide Input Voltage Range (285VAC–475VAC)** – Reduces battery cycling in unstable power environments

##### 2. Enterprise-Class Power Conditioning

**Active PFC (Power Factor  $\approx 1$ )** – Minimizes energy waste and electrical infrastructure costs

**Low THD (<2% linear, <5% nonlinear)** – Complies with IEEE 519 harmonic standards

**3:1 Crest Factor** – Supports high inrush current loads like servers and motors

##### 3. Robust Protection & Redundancy

###### Multi-Layer Safeguards:

> Output short-circuit/overload protection (up to 160% load)

> Battery under-voltage/overcharge prevention

**Static Bypass Switch** – 0ms transfer during overloads or internal faults

**Maintenance Bypass** – Enables servicing without power interruption

##### 4. Intelligent Monitoring & Control

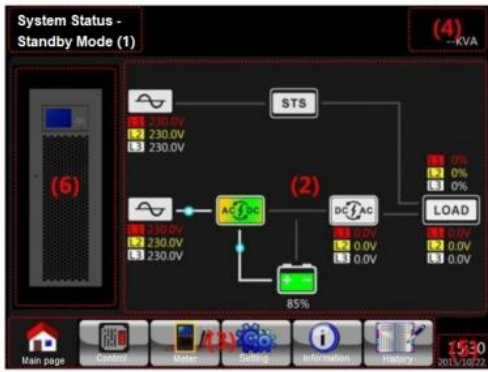
**Real-Time LCD Display** – Shows UPS status, load metrics, and battery health

###### Remote Management Options:

> RS232/RS485 + SNMP support

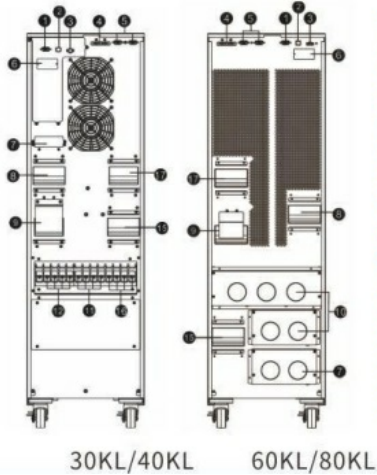
> Compatible with Windows®, Linux, and macOS

**Optional Battery Monitoring** – Detects individual cell failures (over/under-voltage alerts)



- (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.



- 1.RS - 232 Communication Port
- 2.USB Communication Port
- 3.Emergency Power - Off Function Connector
- 4.Current - sharing Port (for Parallel - connected UPS)
- 5.Parallel - connection Port (for Parallel - connected UPS)
- 6.Smart Card Slot
- 7.External Battery Terminal (for Extended - runtime UPS)
- 8.Mains Input Circuit Breaker
- 9.Maintenance Bypass Switch (Optional)
- 10.Input/Output Terminals
- 11.Mains Input Terminal
- 12.Output Terminal
- 13.Input Ground Terminal
- 14.Output Ground Terminal

30KL/40KL      60KL/80KL

### Technical Parameters:

Parameter	Specification
<b>Model</b>	EX 3C3 30K
<b>Capacity</b>	30KVA / 24KW
<b>Input</b>	
- Voltage Range	285–475VAC (3Ph+N)
- Frequency Range	50/60Hz ±10%
<b>Output</b>	
- Voltage Stability	±1% (steady state), ±5% (transient)
- THD	<2% (linear), <5% (nonlinear)
- Overload Capacity	150% for 1min, 160% for 200ms
<b>Efficiency</b>	94% (online), 93.5% (battery)
<b>Battery</b>	32–40 cells (12V sealed lead-acid)
<b>Dimensions</b>	815×300×1010mm (61kg)

### Key Applications for This UPS System:

- Data Centers** – Protects servers and network gear from power anomalies
- Industrial Automation** – Ensures continuous operation of PLCs and CNC machines
- Medical Facilities** – Safeguards MRI/CT scanners and life-support systems
- Telecom Infrastructure** – Base station backup with wide voltage tolerance

### Support and Services:

The High Frequency UPS product provides reliable and efficient power protection for critical equipment and applications. Our technical support team is available to assist with any inquiries related to the installation, configuration, and maintenance of the product.

We also offer a range of services to ensure optimal performance and minimize downtime, including:

- Regular maintenance and inspections
- Remote monitoring and diagnostics
- 24/7 emergency support
- Training and certification programs

Our goal is to provide the highest level of customer satisfaction and help our clients achieve their business objectives with our reliable and

innovative power protection solutions.

**Engineered for 24/7 mission-critical operations:**

**Military-grade surge protection**

"Three-proof" coating (dust/humidity/corrosion resistance)

-40°C to +70°C storage tolerance

**Upgrade to enterprise power reliability today.**

*Custom configurations available for high-density battery backups.*

**Our production line:**





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