



High Frequency Online UPS Support External Battery 1600W Load Capacity 3 Years Warranty

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: Daxin
- Certification: /
- Model Number: H2K(L)
- Minimum Order Quantity: 1 pc
- Packaging Details: Woodcase/ Paper box
- Delivery Time: 15-25 days
- Payment Terms: T/T
- Supply Ability: 10,000pcs/month



Product Specification

- Net Weight (Standard Machine): 6.8kg
- Output Voltage: 200/208/220/230/240VAC
- Size(D*W*H): 397*145*220mm
- Transfer Time: 0 Ms
- Input Frequency: 40Hz-70Hz
- Highlight: External Battery High Frequency Online UPS, 1600W High Frequency Online UPS, High Frequency Online UPS



More Images



Product Description

High Frequency Online UPS Support External Battery 1600W Load Capacity 3 Years Warranty

High Frequency Online UPS Support External Battery 1600W Load Capacity Product Introduction:

The High-Frequency 2000VA/1600W Online UPS (Model H2K(L)) is a cutting-edge power protection solution designed to deliver uninterrupted and reliable power for critical applications. Utilizing advanced double conversion online technology, this UPS ensures seamless power delivery, making it ideal for industries such as government, finance, telecommunications, healthcare, education, transportation, and energy. With support for external battery connectivity, the H2K(L) offers extended runtime capabilities, catering to diverse operational needs.

High Frequency Online UPS Support External Battery 1600W Load Capacity Key Features:

True Online Double Conversion: Provides continuous AC-to-DC and DC-to-AC conversion, ensuring clean and stable power output.

Microprocessor-Controlled Operation: Enhances system reliability and precision in power management.

High Input Power Factor Correction (PFC): Improves energy efficiency and minimizes harmonic distortion.

Wide Input Voltage Range: Operates efficiently within 110V to 300V, accommodating unstable mains power conditions.

Generator Compatibility: Ensures reliable performance when powered by a generator.

External Battery Support: Enables extended runtime by connecting to external battery packs.

Advanced Monitoring Options: Optional SNMP card for remote monitoring via USB, RS232, or network management.

Intuitive LCD Display: Offers real-time monitoring of load status, battery capacity, and operational modes (AC, Battery, Bypass).

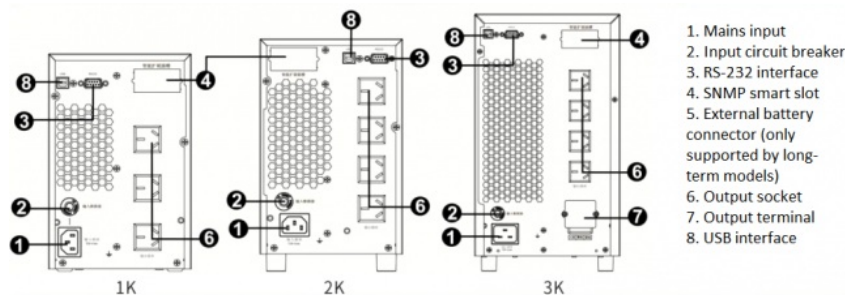
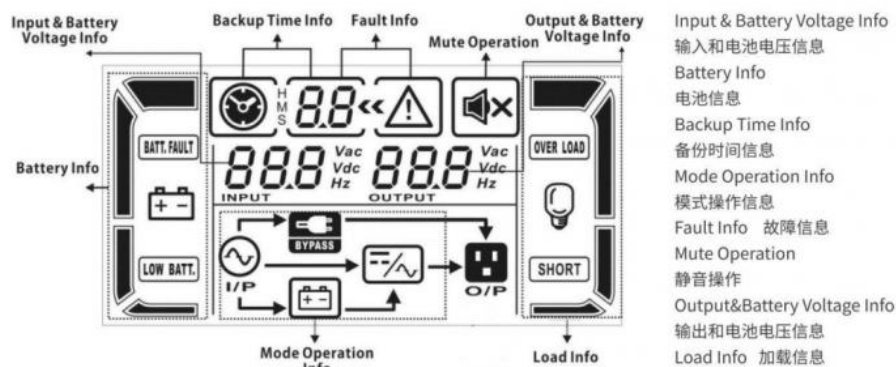
ECO Mode: Reduces energy consumption by optimizing power usage during normal operation.

Emergency Power Off (EPO): Provides a quick shutdown option for critical situations.

Smart Battery Charging: Extends battery life and maintains optimal performance through intelligent charging algorithms.

Optional Isolation Transformer: Adds an extra layer of protection against electrical noise and surges.

LCD Display and Back view:



Technical Parameters

Category	Specification
Model	H2K(L)
Phase	Single-phase with grounding
Capacity	2000VA / 1600W
Input	
- Voltage Range	110V - 300VAC (50% load), 160V - 280VAC (100% load)
- Frequency Range	40Hz - 70Hz
- Power Factor	≥0.99
Output	
- Output Voltage	200/208/220/230/240VAC
- Voltage Range (Battery)	±1%
- Frequency Range (Sync)	47Hz - 53Hz or 57Hz - 63Hz
- Frequency Range (Battery)	50Hz ±0.25Hz or 60Hz ±0.3Hz
- Surge Ratio	3:1
- THD (Linear Load)	≤3%
- THD (Non-linear Load)	≤6%
- Transfer Time (AC to DC)	0ms
- Transfer Time (Inverter to Bypass)	4ms (under standard conditions)
- Waveform (Battery Mode)	Pure sine wave
Efficiency	
- Mains Mode	88%
- Battery Mode	85%
Battery	
- Standard Configuration	12V/9AH, Quantity: 4, Max Charging Current: 1.0A
- External Battery Support	Compatible with external battery packs for extended runtime
Physical Dimensions	
- Extended Runtime Model	397mm (D) x 145mm (W) x 220mm (H), Net Weight: 6.8kg
Environmental Conditions	
- Operating Temperature	0°C to 40°C
- Relative Humidity	20% to 90% (non-condensing)
- Noise Level	<50dBA at 1 meter
Control & Management	
- Smart RS-232/USB	Compatible with Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix, MAC
- Optional SNMP Card	Enables network management and remote monitoring via SNMP

Application/Usage :

Government
 Military
 Banking
 Financial
 Server
 Network Workstation
 Network Closet
 VoIP Device
 Large Network Peripheral
 Aerospace
 Missile
 IT Equipment

Key Advantages:

Extended Runtime Flexibility: The H2K(L) supports external battery connectivity, allowing businesses to customize runtime based on their specific needs.

Enhanced Energy Efficiency: With a high input power factor and ECO mode, the UPS reduces energy consumption and operational costs.

Robust Protection: The double conversion technology and optional isolation transformer safeguard connected equipment from power anomalies.

User-Friendly Interface: The LCD display provides clear and comprehensive monitoring of UPS status, ensuring ease of use.

——UPS power solution service provider——

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.

The High-Frequency 2000VA/1600W Online UPS with LCD Display is a versatile and efficient power protection solution designed to meet the demanding needs of modern industries. With its advanced features, robust design, and user-friendly interface, it ensures uninterrupted power supply, safeguarding critical equipment and operations against power disruptions. Whether for short-term or extended runtime requirements, this UPS delivers reliable performance.



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