



## Generator Compatibility Online High Frequency UPS Single-Phase 1K VA Best For Data-Center

Our Product Introduction

for more products please visit us on power-cabinets.com

### Basic Information

- Place of Origin: CHINA
- Brand Name: SZDXZH
- Certification: CE
- Model Number: H1KL
- 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: 4.1 Kg
- Limited Warranty: 3 Years
- Noise Level: <50 DBA
- Transfer Time: 0 Ms
- Waveform: Pure Sine Wave
- Battery: Support External Batteries
- Capacity: 1000 VA / 800 W
- Highlight: **1K VA High Frequency UPS,  
Online High Frequency UPS,  
Single-Phase High Frequency UPS**



## Product Description

### Generator Compatibility Online High Frequency UPS Single-Phase 1K VA Best For Data-Center

Protecting the power and environment of your mission critical electronic systems

Your data center and edge computing sites are the core of your business. Intelligent, efficient power and thermal infrastructure are critical to ensuring continuous access to vital applications and data. Daxin power and thermal management systems are designed to protect your IT environment and adapt to your changing needs.

Daxin provides global power and thermal management solutions with a portfolio of most efficient and reliable power and cooling technologies in the market. Daxin offers a complete line of energy-efficient and reliable technologies including UPS, racks, rack enclosures, rack cooling, and PDUs. These technologies offer unmatched efficiency and reliability for mission-critical applications, as well as controls to optimize uptime.

**Model:** H1KL (Long - duration model)

**Phase:** Single-phase, grounded

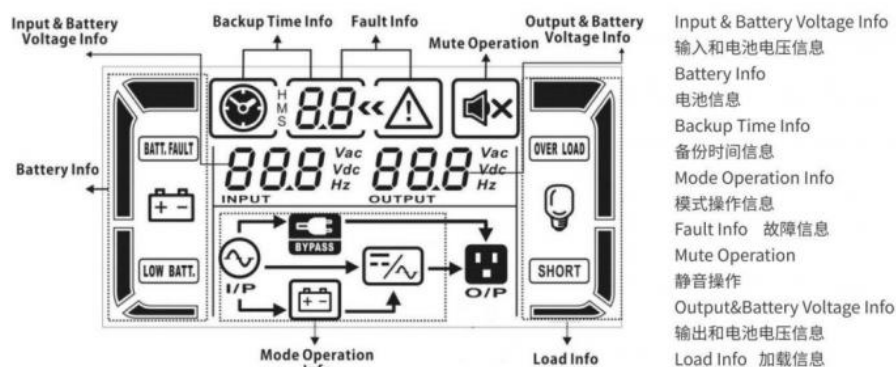
**Capacity:** 1000 VA / 800 W

**Operation Mode:** Online double-conversion

**Applications:** Best Suited For government, finance, telecommunications, education, transportation, healthcare, energy, and power industries.

\*Support external batteries

#### LCD display



#### Key Features:

**True Online Double-Conversion:** Ensures seamless power supply with zero transfer time, providing maximum protection for critical loads.

**Microprocessor Control:** Guarantees high reliability and precise management of power conditions.

**Input Power Factor Correction (PFC):**  $\geq 0.99$ , improving energy efficiency and reducing harmonic distortion.

**Output Power Factor up to 0.8:** Delivers optimal power utilization for connected equipment.

#### Wide Input Voltage Range:

110–300 VAC at 50% load

160–280 VAC at 100% load

**Frequency Range:** 40 Hz to 70 Hz, ensuring compatibility with various power sources.

#### High-Efficiency Inversion Mode:

88% efficiency at 50% load

83% efficiency at 100% load

**Pure Sine Wave Output:** Ensures clean and stable power for sensitive equipment.

**Generator Compatibility:** Works seamlessly with generators for extended backup power.

**Optional SNMP Card:** Enables advanced monitoring via SNMP, USB, or RS232 interfaces for real-time UPS management.

**User-Friendly LCD Display:** Simplifies operation and provides comprehensive status monitoring.

**ECO Mode:** Enhances energy savings by optimizing power usage during normal conditions.

**Emergency Power Off (EPO):** Ensures safety during critical situations.

**Intelligent Battery Charging:** Extends battery life and maintains optimal performance with adjustable charging currents (1A/2A/4A/GA).

**Built-in Isolation Transformer (Optional):** Provides additional protection against electrical noise and surges.

#### Advanced Management:

**Compatibility:** Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix, and macOS.

**SNMP Management:** Optional SNMP card for remote monitoring and management.

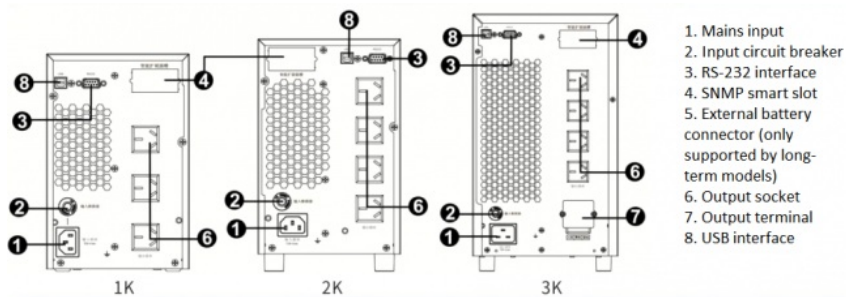
**Power Management Software:** Provides real-time monitoring, shutdown scheduling, and event logging.

#### Why Choose the H1K Series?

The H1K Series 1K VA online double-conversion UPS is engineered to deliver uninterrupted, clean, and reliable power for critical applications. With features like wide input voltage range, pure sine wave output, and intelligent battery management, it ensures maximum uptime and protection for your equipment. Whether for government, healthcare, or telecommunications, the H1K Series offers a robust and efficient solution for your power needs.

**Upgrade your power protection today with the H1K Series UPS!**

Back view



### Technical Specifications

Category	Specifications
Model	H1KL(Long - duration model)
Phase	Single-phase, grounded
Capacity	1000 VA / 800 W
Input Voltage Range	110–300 VAC (50% load) / 160–280 VAC (100% load)
Input Frequency Range	40 Hz to 70 Hz
Input Power Factor	≥0.99
Output Voltage	200/208/220/230/240 VAC ±1%
Output Frequency	47–53 Hz or 57–63 Hz / 50 Hz ±0.25 Hz or 60 Hz ±0.3 Hz
Waveform	Pure sine wave
Transfer Time	0 ms
Total Harmonic Distortion (THD)	≤3% (linear load) / ≤8% (non-linear load)
Efficiency	88% (50% load) / 83% (100% load)
Battery	Support external batteries
Battery Charging Current	Adjustable (1A/2A/4A/GA)
Dimensions	282 x 145 x 220 mm
Weight	9.8 kg
Operating Temperature	0–40°C (non-condensing)
Operating Humidity	20–90% relative humidity
Noise Level	<50 dBA at 1 meter
Compatibility	Windows® 2000/2003/XP/Vista/2008, Windows® 7/8, Linux, Unix, macOS
Management Options	Optional SNMP card, USB, RS232 for remote monitoring and control

—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 .

**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

**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.

**04**  
**User - friendly**

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



**Shenzhen Daxin Intelligent Equipment Technology Co., Ltd**

+86 15817363697

lubenzhi@szdxzh.com

power-cabinets.com

Green Base Industrial Park, Longtian Street, Pingshan District, Shenzhen