



## Uninterrupted Power Supply 1000va H1KL Long Rack UPS for Industrial and Commercial with 12V9ah Battery

Our Product Introduction

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### Basic Information

- Place of Origin: CHINA
- Brand Name: SZDXZH
- Model Number: H1KL
- Minimum Order Quantity: 1 pcs
- Packaging Details: Woodcase/ Paper box
- Delivery Time: 15-25 days
- Payment Terms: T/T
- Supply Ability: 10000pcs/month



### Product Specification

- Input Phase: Single Phase With Ground
- Product Category: Industrial UPS Power Supply
- Product Name: 1000VA Ups
- Battery Voltage: 12V
- Power Factor: 0.99
- Output Voltage: 110/115/120/127VAC Or 200/208/220/230/240VAC
- Battery: 12V9ah
- Applications: Industrial And Commercial Use
- Highlight: Commercial Long Rack UPS, Uninterrupted Power Supply 1000va, Industrial Long Rack UPS



### More Images



## Product Description

### Long Rack UPS Industrial And Commercial Use Uninterrupted Power Supply1000va H1KL

Description:

**True Online Double Conversion:** Achieves true online double conversion.

**Microprocessor Control:** Ensures high reliability through microprocessor control.

**Input Power Factor Correction:** Input power factor correction features.

**Output Power Factor up to 0.8:** Output power factor can reach 0.8.

**Wide AC Input Range (110V-300V):** Capable of operating within a wide AC input range.

**Efficient Inverter Conversion Mode:** Operates in an efficient inverter conversion mode.

**Generator Compatibility:** Compatible with generators.

**Optional SNMP Card:** An optional refined SNMP card allows for perfect monitoring either independently or in conjunction with USB and RS232, providing easy operation control via the display while comprehensively displaying UPS status.

**ECO Mode:** Offers energy-saving effects with ECO mode.

**Emergency Power Off (EPO):** Features an emergency power off (EPO) function.

**Models Above 6K Using DSP Technology:** Models above 6K use DSP technology and may include an integrated maintenance bypass switch (optional).

**Smart Battery Charging Design:** Designed to extend battery life and performance.

**Built-in Isolation Transformer (Optional):** May come with an optional built-in isolation transformer.

The Long Rack UPS 1000VA is designed to provide reliable uninterruptible power supply for various electronic devices and systems. Here are some of its key features:

**Capacity:** 1000VA (Volt-Amperes), suitable for powering small to medium-sized equipment, including servers, networking devices, and workstations.

**Form Factor:** Designed as a rack-mounted unit, which is space-efficient and suitable for server racks or equipment cabinets.

**Output Waveform:** Generally provides a pure sine wave output, ensuring compatibility with sensitive electronic equipment.

**Batteries:** Typically equipped with maintenance-free sealed lead-acid batteries, offering extended backup time during power outages.

**Input and Output Connections:** Multiple input and output sockets are available. Some models may offer USB and serial connections for management and monitoring.

**LCD Display:** Many models come with an LCD display that shows real-time information such as battery status, load level, and output voltage.

**Surge Protection:** Provides protection against power surges and spikes, ensuring the safety of connected devices.

**Automatic Voltage Regulation (AVR):** Helps stabilize output voltage under varying input conditions, providing clean and consistent power.

**Overload Protection:** Features mechanisms to prevent damage from overload situations by shutting down or reducing output.

**Cooling System:** Usually includes a built-in fan for cooling, ensuring optimal performance and longevity.

**Silent Operation:** Designed to operate quietly, making it suitable for environments such as offices and data centers.

**Environmental Compliance:** Many models comply with international standards for safety and environmental friendliness.



Technique Parameter as below:



### Rack UPS

MODEL		1KR	2KR	3KR				
CAPACITY*		1000 VA / 800 W	2000 VA / 1600 W	3000 VA / 2400 W				
INPUT								
Voltage Range	Low Line Transfer	85VAC/75VAC/65VAC/55VAC±5% or 160VAC/140VAC/120VAC/110VAC±5% ( based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0 )						
	Low Line Comeback	95VAC/85VAC/75VAC/65VAC or 175VAC/155VAC/135VAC/125VAC ± 5 % ( Ambient Temp.<35°C ) ( based on load percentage 100% - 80 % / 80 % - 70 % / 70 - 60 % / 60 % - 0 )						
	High Line Transfer	145 VAC ± 5 % or 300 VAC ± 5 %						
	High Line Comeback	140 VAC ± 5 % or 290 VAC ± 5 %						
Frequency Range		40Hz ~ 70 Hz						
Phase		Single phase with ground						
Power Factor		≥ 0.99 @ nominal voltage (input voltage)						
OUTPUT								
Output voltage		110/115/120/127VAC or 200/208/220/230/240VAC						
AC Voltage Regulation		±1% (Batt. Mode)						
Frequency Range		47 ~ 53 Hz or 57 ~ 63 Hz (Synchronized Range)						
Frequency Range (Batt. Mode)		50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz						
Overload	Ambient Temp.<35°C							
	105%~110%: UPS shuts down after 10 minutes at battery mode or transfer to bypass when the utility is normal							
	110%~130%: UPS shuts down after 1minute at battery mode or transfer to bypass when the utility is normal							
	>130%:UPS shuts down after 3 seconds at battery mode or transfer to bypass when the utility is normal							
Current Crest Ratio		3:1						
Harmonic Distortion		≤ 3 % THD (linear load); ≤ 6 % THD (non-linear load)						
Transfer AC Mode to Batt. Mode		Zero						
Time Inverter to Bypass		4 ms (Typical)						
Waveform (Batt. Mode)		Pure Sinewave						
EFFICIENCY								
AC Mode		88%	89%	90%				
Battery Mode		83%	87%	88%				
BATTERY								
Standard Model	Battery Type	12 V / 9 AH	12 V / 9 AH	12 V / 9 AH				
	Numbers	2	4	6				
	Recharge Time	4 hours recover to 90% capacity (Typical)						
	Charging Current	1.0 A (max.)						
Long-run Model	Charging Voltage	27.4 VDC ± 1%	54.7 VDC ±1%	82.1 VDC ±1%				
	Battery Numbers	2	3	4	6	8	6	8
	Charging Current	1.0A/2.0A/4.0A/6.0 A						
	Charging Voltage	27.4 VDC ± 1%	41.0VDC ± 1%	54.7 VDC ±1%	82.1VDC ±1%	109.4VDC ±1%	82.1VDC ±1%	109.4VDC ±1%
PHYSICAL								
Standard Model	Dimension, D X W X H	310 x 438 x 88 (mm)		410 x 438 x 88 (mm)		630 x 438 x 88 (mm)		
	Net Weight (kgs)	12		19		29.3		
Long-run Model	Dimension, D X W X H	310 x 438 x 88 (mm)		410 x 438 x 88 (mm)		410 x 438 x 88 (mm)		
	Net Weight (kgs)	9		12		14.2		
ENVIRONMENT								
Operation Humidity		20-90 % RH @ 0- 40°C (non-condensing)						
Noise Level		Less than 50dBA @ 1 Meter						
MANAGEMENT								
Smart RS-232 or USB		Supports Windows® 2000/2003/XP/Vista/2008/7/8, Linux, Unix and MAC						
Optional SNMP		Power management from SNMP manager and web browser						

\* Derate capacity to 80% of capacity in Frequency converter mode or when the output voltage is adjusted to 200/208VAC.  
Product specifications are subject to change without further notice.

