



High Frequency Single Phase Online Ups Power Supply Backup 30000VA 24000W

Our Product Introduction

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Basic Information

- Place of Origin: CHINA
- Brand Name: SZDXZH
- Model Number: 3H30K-M
- 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

- Net Weight (Standard Machine): 64kg
- Battery Voltage: 192v
- Size: 815*250*826
- Highlight: High Frequency Single Phase Online Ups, 30000VA 24000W Ups Power Supply, Single Phase Ups Power Supply Backup



More Images



Product Description

Product Introduction / INTRODUCTION

Technical implementation

High reliability design

- ◆ Realize online double conversion
- ◆ Compatible with generator input (generator capacity must be twice the UPS capacity)
- ◆ Output isolation transformer can be added according to user requirements (installed before leaving the factory)
- ◆ Standard EPO (emergency power off device)
- ◆ The machine is controlled by MCU+DSP chip
- ◆ Support parallel function, up to 3 parallel machines (parallel models only)
- ◆ The number of battery sections (16-20) can be set according to on-site needs
- ◆ Charging current (1-4A, default 4A/each charging board) can be set on-site according to needs
- ◆ This series has two models with power factor PF0.8 and PF0.9.
- ◆ Support automatic power-on function after power outage (default closed)
- ◆ After power outage, the battery power is exhausted, and it can automatically start after the call is received.

Perfect whole machine protection capability

- ◆ It has output overload protection, output short circuit protection, inverter overtemperature protection, battery undervoltage warning protection and battery overcharge protection and other multi-function protections in one, which greatly ensures the stability and reliability of system operation.
- ◆ Optional manual maintenance switch, when UPS fails, it can switch to bypass working state without interruption and continue to supply power to the load from the mains, making maintenance work easy, convenient and fast.

Interface management function

- ◆ LCD liquid crystal display can record UPS working status, parameter information, etc. in real time, which is convenient for users to manage UPS.

Network monitoring management

- ◆ Through RS232/RS485 communication interface, SNMP network adapter, and UPS intelligent monitoring software, it can communicate with the computer, and various UPS parameters are clearly displayed on the communication interface.

High environmental adaptability

- ◆ The circuit board is placed in a completely enclosed space and is coated with "three-proof" coating, which is more suitable for the harsh environment of tunnels and squares.

Technical Parameters

model		3H 30 KL
capacity		30000VA / 24000W
enter		
Voltage range		190-520VAC (3 phase) 50% load
		305-478VAC (3 phase) 100% load
Frequency range		46Hz ~ 54 Hz @ 50Hz system
		56Hz ~ 64 Hz @ 60Hz system
Phase		Three-phase grounding
Power Factor		≥ 0.99 at 100% load
Output		
Phase		Single phase (live wire + neutral wire + ground wire)
Output voltage		208/220/230/240VAC
AC Voltage Range		± 1%
Frequency range (synchronization range)		46Hz ~ 54 Hz @ 50Hz system
		56Hz ~ 64 Hz @ 60Hz system
Frequency range (battery mode)		50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz
Overload	Mains mode	100%~110%: 10 minutes; 110%~130%: 1 minute; >130%: 1 second
		Overload, switch to bypass mode
	Battery Mode	100%~110%: 30 seconds; 110%~130%: 10 seconds; >130%: 1 second
		Overload, switch to bypass mode
Current peak ratio		3:1 max
Harmonic distortion		≤ 2 % @ 100% linear load; ≤ 5 % @ 100% non-linear load

Switching time	Online ← → Battery	0 ms
	Inverter← → Bypass	0 ms
	Inverter ← → ECO	<10 ms
Output power factor		0.8
Parallel capacity		Supports up to 3 units in parallel (not supported by the commonly sold models)
Waveform		Pure sine wave
Inverter mode		IGBT
Control method		MCU+DSP
efficiency		
AC Mode		> 90 %
Battery Mode		> 8 8 %
Long-lasting machine (number of battery cells is factory adjustable)	model	Depends on battery configuration
	number	16 - 20
	Charging current (maximum)	12.0A ±10%
	Charging voltage	273 VDC ± 1% (based on 20 batteries)
Display instructions		
LCD	Visually display load size, battery capacity, AC mode, battery mode, bypass mode, fault indication, etc. through images	
	The output voltage, frequency, bypass enable, ECO function, charging current, discharge time, etc. can be adjusted through the screen display menu	
Appearance		
Long extension machine	Dimensions, depth x width x height (mm)	815 x 300 x 1000
	Net weight(kgs)	64
Environmental conditions		
Operating temperature		0 ~ 40°C (Battery life will be shortened in environments > 25°C)
Operating humidity		<95 % without condensation
Operating altitude		<1000m
noise		Less than 65dB @ 1 Meter
manage		
Intelligent RS-232 or USB		Supports Windows® 2000/2003/XP/Vista/2008/7/8, Linux, Unix, and MAC
Optional SNMP		Supports power management via SNMP manager and web browser

— UPS POWER SOLUTION SERVICE PROVIDER —

01

Stable and reliable

ONLINE DOUBLE CONVERSION TECHNOLOGY COMPLETELY ELIMINATES THE IMPACT OF POWER FAILURES AND EFFECTIVELY PROTECTS THE LOAD FROM UNINTERRUPTED OPERATION



02

Ultra-wide voltage

ULTRA-WIDE VOLTAGE INPUT RANGE, EFFECTIVELY REDUCING THE NUMBER OF BATTERY CHANGES AND EXTENDING



03

Green and Energy Saving

REDUCE ENERGY LOSS, EFFICIENCY UP TO 90%, ULTRA-SMALL SIZE, SIGNIFICANTLY SAVES SPACE

COMPARISON OF ENERGY EFFICIENCY

90%



04

Convenient and easy to use

EASY TO OPERATE, LCD DISPLAY, FRIENDLY HUMAN-MACHINE INTERFACE, STANDARD MACHINE





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