



1KVA/2KVA/3KVA Long Backup Industrial Uninterrupted Power Supply UPS for Manufacturing Plants

Our Product Introduction

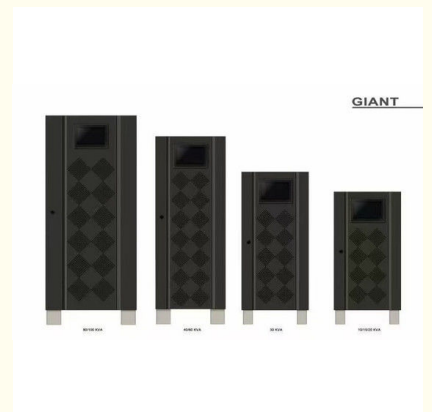
Basic Information

- Place of Origin: China
- Brand Name: Daxin
- Minimum Order Quantity: 1 pc
- Packaging Details: Wooden case with pallet
- Payment Terms: T/T



Product Specification

- Gross Weight: 380kg
- Input Rated Voltage: Single Phase (L+N+G)165-275Vac
- Battery Backup Time: Up To 8 Hours
- Transformer: Isolation Transformer
- Output Power: 1-1000kVA
- Battery Mode: External Battery Pack
- Highlight: **Long Backup Industrial Uninterrupted Power Supply**
Manufacturing Plants Industrial Uninterrupted Power Supply
3KVA Industrial Uninterrupted Power Supply



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Product Description

1KVA/2KVA/3KVA Long Backup Industrial Uninterrupted Power Supply UPS for Manufacturing Plants

Industrial Uninterrupted Power Supply Introduction

This industrial UPS is designed specifically for manufacturing plants, offering 1KVA, 2KVA, and 3KVA capacity options with long backup capabilities. It ensures stable power supply in various industrial scenarios, protecting equipment from power

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% (Ambient Temp. <35°C) (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	100/110/115/120/127VAC 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 Time	AC Mode to Batt. Mode	Zero						
	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.

outages, fluctuations, and other power - related issues.

voltage

Industrial Uninterrupted Power Supply Parameters

Industrial Uninterrupted Power Supply Advantages

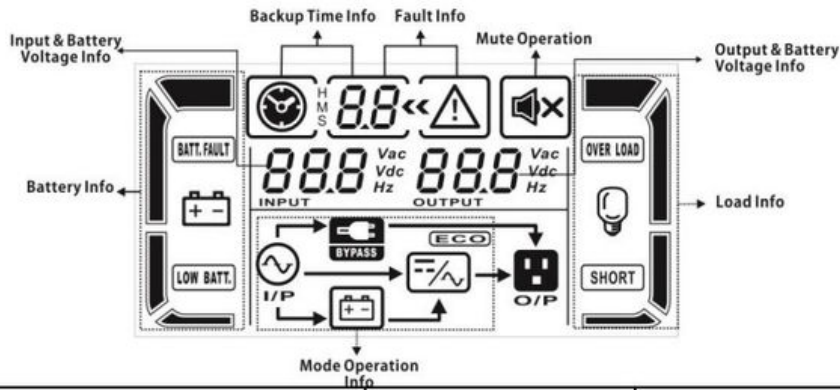
Wide input voltage range: It can adapt to different power grid conditions, reducing the impact of voltage fluctuations on equipment.

High - efficiency operation: With high AC and battery - mode efficiency, it helps save energy and lower operating costs.

Pure sinewave output: Ensures clean power supply, which is suitable for a wide range of industrial equipment and can prevent equipment damage caused by poor - quality power.

Multiple protection functions: Overload protection, short - circuit protection, and battery - related protection features safeguard the UPS and connected devices.

Smart management: Supports various operating systems and has optional SNMP for remote management, enabling convenient monitoring and control.

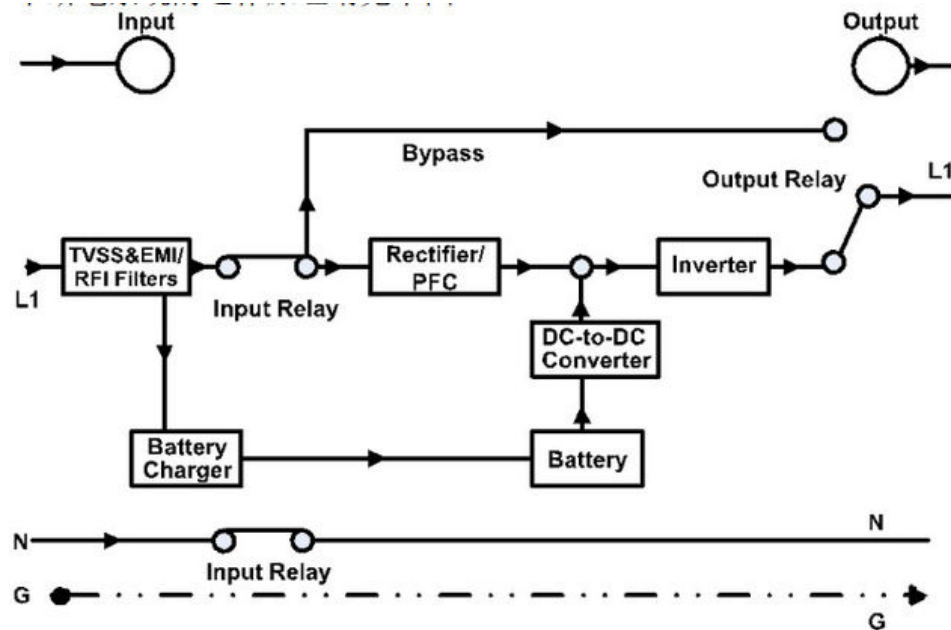


Industrial Uninterrupted Power Supply Uses

This industrial UPS is mainly used in manufacturing plants to power critical equipment such as production lines, industrial control systems, and precision machinery. It provides backup power during power outages, ensuring continuous operation of equipment, preventing data loss, and reducing production interruptions. It can also be used in other industrial facilities, laboratories, and data centers that require a stable power supply.

Industrial Uninterrupted Power Supply Characteristics

- Long backup time: With a specific battery configuration, it can provide long - lasting backup power to meet the needs of different industrial applications during power outages.
- Compact design: The standard and long - run models have a relatively compact size, which is easy to install and save space in industrial environments.
- Low noise operation: The noise level is less than 50dBA at 1 meter, which is suitable for use in noise - sensitive industrial areas.
- LED screen display: The LED screen shows various information such as backup time, fault info, input and output voltage, and battery status, facilitating real - time monitoring of the UPS operation.



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