

UPS2000-A Series

(1-3kVA)

Introduction

UPS2000-A series with a capacity ranging from 1kVA to 3kVA is an online double conversion power system that delivers continuous, high-quality AC Power. It's really a perfect power protection solution for small power scenarios.

Scenarios

- Small and medium enterprises, large enterprise branch offices, bank branches and other small data centers
- Networks, communications systems, automatic control systems and other precision equipment
- Family, office



UPS2000-A-1K/2K/3K

Features

Reliable

- Wide input voltage range to minimize battery use
- Online double conversion power system provides continuous, high-quality AC Power

Efficient

- Efficiency up to 90%, reduce energy consumption, green and energy-saving
- Ultra small volume, compared to the traditional UPS system to save space

Simple

- LCD screen supports real-time monitoring and convenient operation
- Built-in battery, easy to use
- Enables quick and easy configuration of the UPS
- NetEco network manager, supporting centralized management to all the UPSs

Specifications

Rated capacity (kVA/kW)			1kVA/0.8kW	2kVA/1.6kW	3kVA/2.4kW
Input: Output			1-in: 1-out		
Mains Input	Input Wiring		L+N+PE		
	Rated Voltage		220/230/240VAC		
	Input Voltage Range		110-300VAC		
	Input Frequency Range		40-70Hz		
	Input Power Factor		0.99		
Bypass Input	Input Rated Voltage		220/230/240VAC		
	Input Voltage Range		174-264VAC		
	Input Frequency Range		47-53Hz / 57-63Hz		
Battery	Battery Voltage	Standard	24VDC	48VDC	72VDC
		Long Backup	36VDC	72VDC	96VDC
	Backup Time	Standard	>5 minutes @ 80% load		
		Long Backup	Depending on the capacity of external batteries		
Output	Output Wiring		L+N+PE		
	Output Connections		4 X IEC C13	6 X IEC C13	6 X IEC C13 + 1 X IEC C19
	Rated Voltage		220/230/240VAC $\pm 1\%$		
	Output Frequency		Tracking the bypass input (Normal mode); 50/60Hz $\pm 0.05\%$		
	Output Power Factor		0.8		
	Waveform		Sinewave, THDv< 3%		
	System Efficiency		88%	89%	90%
	Overload Capacity		$\leq 110\%$ overload for 10 minutes; $\leq 130\%$ overload for 1 minute; $\leq 150\%$ overload for 3 seconds		
Environment	Operating Temperature		0 to 40°C		
	Storage Temperature		-40 to +70°C (battery: -20 to +40°C)		
	Relative Humidity		0%–95% RH (no condensation)		
	Operating Altitude		0-1000m. Above 1000m, derating rate based on EN/IEC 62040-3		
	Audible Noise		<50dB		
Others	D x W x H (mm)	Standard	282 x 145 x 220	397 x 145 x 220	421 x 190 x 318
		Long Backup	282 x 145 x 220	397 x 145 x 220	397 x 145 x 220
	Weight (kg)	Standard	9.9	17.3	26.7
		Long Backup	4.8	7.6	8.2
	Certifications		EN/IEC 62040-1; EN/IEC 62040-2; EN/IEC 62040-3; CE; CB; RoHS, REACH, WEEE, etc.		
	Communications		USB&RS232 (optional RS485/Dry contact/SNMP)		

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