

# UPS2000-A Series

## (1-3kVA)

### Introduction

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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

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- 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

### Features

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#### High Reliability

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

#### Intelligent Management

- Variety of monitoring methods: supports SNMP / MODBUS / Dry contact / USB
- Supports function of delay shutdown: turning off the computer application systems and operating systems safely
- Multiple remote monitoring: supports SMS, E-mail, etc

#### High Availability

- LCD screen supports real-time monitoring and convenient operation
- Built-in battery, Easy to use
- Enables quick and easy configuration of the UPS



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

## 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	220/230/240 VAC			
	Input voltage range	110-300 VAC			
	Input frequency range	40-70 Hz			
	Input power factor	0.99			
Bypass Input	Input rated voltage	220/230/240 VAC			
	Input voltage range	174-264 VAC			
	Input frequency range	47-53 Hz / 57-63Hz			
Battery	Battery voltage	Standard	24 VDC	48 VDC	72 VDC
		Long backup	36 VDC	72 VDC	96 VDC
	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	
	Rated voltage	220/230/240 VAC $\pm$ 1%			
	Output frequency	47-53 Hz or 57-63 Hz (Synchronized Range); 50/60Hz $\pm$ 0.5% (Battery Mode)			
	Output power factor	0.8			
	Waveform	Sinewave, THDv< 3%			
	System Efficiency	88%	89%	90%	
	Overload capacity	<110% overload for 10 minutes; <130% overload for 1 minute; $\geq$ 130% overload for 3 second			
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	0-1000 m. Above 1,000 m, derating 1% for each additional 100 m			
	Audible noise	<50dB @ 1 Meter			
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	9.2	16.8	27
		Long backup	4.1	6.7	7.4
	Certifications	EN/IEC 62040-1; EN/IEC 62040-2; EN/IEC 62040-3; CE; CB, etc			
	Communications	USB, RS232 (optional RS485/Dry contact )			