

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

Features

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

Technical Parameters

Rated capacity (kVA/kW)		1/0.8	2/1.6	3/2.4	
Input: Output		1-in: 1-out			
Input					
Mains	Input wiring	Ph+N+PE			
	Rated voltage	200/208/220/230/240 VAC			
	Input voltage range	110-300 VAC			
	Input frequency range	40-70 Hz			
	Input power factor	0.99			
Bypass	Input rated voltage	200/208/220/230/240 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		Ph+N+PE			
Output connections		4 X IEC C13	6 X IEC C13	6 X IEC C13	
Rated voltage		* 200/208/220/230/240 VAC ±1%			
Output frequency		47-53 Hz or 57-63 Hz (Synchronized Range) 50/60Hz±0.5% (Battery Mode)			
Output power factor		0.8			
Waveform		< 3%			
Efficiency		88%	89%	90%	
Overload capacity		105% ≤ load < 110%: 10 minutes 110% ≤ load < 130%: 1 minute 130% ≤ load: 3 seconds			
Environment					
Operating temperature		0 to 40°C			
Storage temperature		-40 to +70°C (battery: -20 to +40°C)			
Humidity		0%-95% RH (no condensation)			
Altitude		0-1000m Above 1,000 m, derating 1% for each additional 100 m			
Audible noise		<50dB @ 1 Meter			
Others					
Depth x Width x Height (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		CE			
Communications		USB & RS232 (optional RS485/Dry contact/SNMP)			

* When the output voltage is set to 200/208, the capacity shall be derating to 80%