

# UPS2000-G Series

## (1-20kVA)

### Introduction

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UPS2000-G series with a capacity ranging from 1kVA to 20kVA is an online double conversion power system that delivers continuous, high-quality AC power. It is rack/tower convertible and 95% high efficiency helps it get ECA energy saving certification from United Kingdom government and the world's first batch of "Energy Star" certification. 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

### Features

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#### Reliable

- 5 kA lightning protection design, reducing lightning-related failure rate
- Key component failure pre-alarm including fans, batteries, bus capacitors to remind customers to maintain before failure occurs
- Wide input voltage range to minimize battery use: 280-176 Vac for 100% load; 176-80 Vac for 100%-40% load (derating linearly)

#### Efficient

- High efficiency at online mode to reduce power loss of UPS and air conditioner: up to 95% for 15/20kVA, 94.5% for 10kVA, 94% for 6kVA

#### Simple

- Rack/tower convertible, suitable for different installation scenarios
- High expandability design: up to four units can be connected in parallel to achieve higher capacity or reliability



UPS2000-G-1K/2K/3K



UPS2000-G-6K/10K



UPS2000-G-15K/20K

# Specifications

Rated Capacity(kVA/kW)		1/0.8	2/1.6	3/2.4	6/5.4	10/9	15/13.5	20/18		
Input : Output		1-in : 1-out				1-in : 1-out or 3-in : 1-out	1-in : 1-out, 3-in : 1-out or 3-in : 3-out			
Mains Input	Input Wiring	L+N+PE				L+N+PE /3Ph+N+PE				
	Rated Voltage	200/208/220/230/240 V AC			L-N: 220/230/240 V AC					
	Input Voltage Range	110-300 V AC			L-N: 80-280 V AC					
	Input Frequency Range	40-70 Hz								
	Input Power Factor	0.99								
Bypass Input	Rated Voltage	200/208/220/230/240 V AC			L-N: 220/230/240 V AC					
	Frequency	50/60 ± 3 Hz			50/60 ± 6 Hz					
Battery	Rated Voltage	Standard	24 V DC	48 V DC	72 V DC	240 V DC		----		
		Long Backup	36 V DC	72 V DC	96 V DC	192-240 V DC		384-480V DC, 32-40 section adjustable, default 40		
Output	Output Wiring	L+N+PE				L+N+PE /3Ph+N+PE				
	Output Sockets	4 × IEC C13(10A)	6× IEC C13 (10A)	6× IEC C13 (10A) + 1× IEC C19	2 × C13 (10A)	—				
	Rated Voltage	200/208/220/230/240 V AC ±1%			220/230/240 V AC ±1%		L-N: 220/230/240 V AC ±1%			
	Rated Frequency	Online Mode: Tracking the bypass input (Online Mode); Battery Mode: 50/60±0.1 Hz								
	Waveform	Sine wave, THDv<3%				Sine wave, THDv<2%				
	Efficiency	88%	89%	90%	94%	94.5%	95%			
Environ- ment	Operating Temperature	0-40°C								
	Storage Temperature	-40-70°C								
	Relative Humidity	0%-95% (No condensing)								
	Operating Altitude	1000 m. Above 1000 m, derating according to IEC62040-3								
	Audible Noise	<50 dB				<55 dB		<58 dB		
Others	H × W × D (mm)	Standard	88 × 438 × 310		88 × 438 × 410	88 × 438 × 630		86 × 430 × 585		130 × 430 × 685
		Long Backup	88 × 438 × 310		88 × 438 × 410		88 × 438 × 630			
	Weight	Standard	10.7 kg	18.5 kg	27.9 kg	14 kg		16 kg	32 kg	
		Long Backup	5.9 kg	8.6 kg	9.2 kg	14 kg		16 kg	32 kg	
	Certifications	EN/IEC 62040-1; EN/IEC 62040-2; EN/IEC 62040-3; CE; CB; RoHS, REACH, WEEE, RCM, etc								
Communications	USB&RS232(optional RS485/Dry contact/ SNMP)					USB(optional RS485/Dry contact/SNMP)				

## General Disclaimer

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