

UPS2000-G Series

(6-20kVA)

Introduction

UPS2000-G series with a capacity ranging from 6kVA 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

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

Features

Reliable

- 5kA 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
- Ultra-wide voltage input range to extend battery service life by effectively reducing times of switchover to battery mode

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
- NetEco network manager, supporting centralized management to all the UPSs



UPS2000-G-6K/10K



UPS2000-G-15K/20K

Specifications

Rated Capacity(kVA/kW)		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	L-N: 220/230/240V AC			
	Input Voltage Range	L-N: 80-280V AC			
	Input Frequency Range	40-70Hz			
	Input Power Factor	0.99			
Bypass Input	Rated Voltage	L-N: 220/230/240V AC			
	Frequency	50/60 ± 6Hz			
Battery	Rated Voltage	192-240V DC		384-480V DC, 32-40 section adjustable, default 40	
Output	Output Wiring	L+N+PE		L+N+PE /3Ph+N+PE	
	Output Sockets	2 × C13 (10A)	-		
	Rated Voltage	220/230/240V AC ±1%		L-N: 220/230/240V AC ±1%	
	Rated Frequency	Tracking the bypass input (Normal mode); 50/60 Hz±0.05% (Battery mode)			
	Output Power Factor	0.9			
	Waveform	Sine wave, THDv<2%			
	Efficiency	94%	94.5%	95%	
Environment	Operating Temperature	0-40°C			
	Storage Temperature	-40 to 70°C			
	Relative Humidity	0%-95% (No condensing)			
	Operating Altitude	0-1000m. Above 1000m, derating rate based on EN/IEC 62040-3			
	Audible Noise	< 55dB		< 58dB	
Others	H × W × D (mm)	86 × 430 × 615		130 × 430 × 757	
	Weight	14kg	16kg	32kg	
	Certifications	EN/IEC 62040-1; EN/IEC 62040-2; EN/IEC 62040-3; CE; CB; RoHS, REACH, WEEE, etc			
	Communications	USB(optional RS485/Dry contact/SNMP)			

Notice:

1. The UPS series are for commercial/industrial use and not used for life support equipment;
2. The critical systems concerning economic and public security must adopt power supply architecture that comply with Uptime TIER III or TIER IV requirements stated in TIA942.

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