

FusionPower Series

UPS2000-G-(1-3kVA)

Introduction

FusionPower Series UPS2000-G 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. It's support tower and rack installation.

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

- 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



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

Specifications

Rated capacity (kVA/kW)		1kVA/0.8kW	2kVA/1.6kW	3kVA/2.4kW	
Input: Output		1-in: 1-out			
Main s Input	Input Wiring	L+N+PE			
	Rated Voltage	200/208/220/230/240VAC			
	Input Voltage Range	110-300VAC			
	Input Frequency Range	40-70Hz			
	Input Power Factor	0.99			
Bypas s Input	Input Rated Voltage	200/208/220/230/240VAC			
	Input Frequency Range	50/60 ± 3Hz			
Battery	Battery Voltage	Standard	24VDC	48VDC	72VDC
		Long Backup	36VDC	72VDC	96VDC
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	200/208/220/230/240VAC ± 1%			
	Output Frequency	Tracking the bypass input (Normal mode); 50/60Hz ± 0.05%			
	Output Power Factor	0.8			
	Waveform	Sinewave, THDv< 3%			
	System Efficiency	88%	89%	90%	
Environ - ment	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	H x W x D (mm)	Standard	88 × 438 × 310	88 × 438 × 410	88 × 438 × 630
		Long Backup	88 × 438 × 310	88 × 438 × 410	88 × 438 × 410
	Weight (kg)	Standard	11.1	18.8	28.9
		Long Backup	6.0	8.7	9.3
	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)			

Remark: For important systems that are related to important economic interests or public security, such as civil aviation management center, financial clearing center, and trading center, the Tier IV or Tier III power supply level specified in TI942 must be used. That is, two UPSs form dual-bus power supply or the UPS and mains form dual-bus power supply.

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