

FusionPower Series

UPS2000-G-(6-20kVA)

Introduction

FusionPower Series UPS2000-G 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	
Main s 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			
Bypas s 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%	
Enviro - nmen t	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)			

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 T1942 must be used. That is, two UPSs form dual-bus power supply or the UPS and mains form dual-bus power supply.

Copyright © Huawei Technologies Co., Ltd. 2020. All rights reserved.

No part of this document may be reproduced or transmitted in any form or by any means without prior written consent of Huawei Technologies Co., Ltd.