



上海稳压器厂
SHANGHAI
VOLTAGE REGULATOR PLANT

Stabilized Power supply Expert 稳定电源专家



UPS不间断电源系列
uninterruptible power supply series



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工业用UPS电源SG系列（60-400KVA）

Industrial UPS Power Supply SG Series (60-400KVA)

产品概述

Product Overview

SG系列（60-400KVA）是专为大型关键应用系统，如数据处理中心、主机系统、制造业和电信设备、医疗设备而设计的高可靠系统。其高安全性和高可靠性为大型关键应用系统提供了重要的电源保护。

The SG series (60-400KVA) is a high-reliability online UPS, specifically designed for mission-critical applications, including Data center, mainframe systems, industrial manufacturing, telecommunications equipment, and medical devices. Its advanced safety and reliability provide essential power protection for large-scale critical systems.

主要特性

Key Features

1、设计理念可靠性高 / High reliability of design concept

40-400KVA系列UPS主输入电源和旁路电源可分离，可分别将两路不同的市电接入UPS以提高输出电源供电的可靠性。双变换在线式拓扑结构设计，UPS的输出为纯净正弦波，使UPS对用户设备提供更为完美的保护。

The 40-400KVA series UPS features separable main input and bypass power, allowing two separate mains lines to be connected to the UPS to improve output power reliability. The double-conversion online topology design delivers a pure sine wave output, providing enhanced protection for user equipment.

2、电池优化性能高 / High battery optimization performance

采用智能电池管理功能（ABM）技术，从而延长电池的使用寿命，减少电池维护次数。先进的恒流压自动转换充电技术，最大限度活化电池，节省充电时间，延长电池的使用寿命。

By adopting the intelligent battery management function (ABM) technology, the battery's service life can be extended and the frequency of battery maintenance can be reduced. The advanced constant current voltage automatic conversion charging technology maximizes the activation of the battery, saves charging time, and prolongs the battery's service life.

3、冗余/增冗并机能力强 / Strong redundancy/parallel capability

插入并机模块（选件）即可实现多达8台并机，增加系统的可靠性。系统伸缩性强，容易实现并机。如果一台UPS机器出现故障，该UPS自动切断输出，此时负载由剩下的UPS来提供电源。

By inserting the optional parallel module, you can parallel up to eight units, increasing system reliability. The system is highly scalable and easy to parallel. If one UPS fails, it automatically shuts down, and the remaining UPS provide power to the load.

4、节能与环保设计 / Energy-saving and Environmental Protection design

采用可拆解式模式设计，采用智能风机转速调控设计，对风机进行智能开/关及转速调控，散热性能优越，高度节能；采用无环流控制电路，节电性能良好；采用绿色整流和逆变技术，为用户提供清洁的能源。

The design adopts a disassemblable mode and an intelligent fan speed regulation design. It enables intelligent on/off control and speed regulation of the fan, featuring excellent heat dissipation performance and high energy efficiency. It also employs a non-circulation control circuit, demonstrating good energy-saving performance. It utilizes green rectification and inversion technologies to provide users with clean energy.



技术参数

Technical Parameter

技术参数(60kVA-120kVA)

Technical parameters (60kVA-120kVA):

型号 / Model	SG3360	SG3380	SG33100	SG33120
额定容量 (KVA) Rated Capacity(KVA)	60KVA/48kW	80KVA/64kW	100KVA/80kW	120KVA/96kW
输入 Input				
额定电压 Rated Voltage	380V			
输入制式 Input format	3Ph+N+PE			
输入电压范围 Input Voltage Range	285-480VAC			
输入频率范围 Input Frequency Range	45~65Hz			
输出 Output				
输出电压 Output Voltage	380VAC(或400/415VAC) ± 1% 380VAC(or 400/415VAC) ± 1%			
输出制式 Output format	3Ph+N+PE			
输出频率 (电池模式) Output Frequency (Battery Mode)	50/60 ± 0.1HZ (电池模式) 50/60 ± 0.1HZ(Battery Mode)			
功率因数 Power Factor	0.8			
波形失真度 Waveform Distortion	线性负载 ≤ 3% , 非线性负载 ≤ 5% linear load ≤ 3%,Non-linear load ≤ 5%			
过载能力 Overload Capacity	在110%/125%/150%过载时能维持10min/3min/1min It can maintain 10min/3min/1min at 110%/125%/150% overload			
切换时间 Switching Time	0ms			
电池 Battery				
电池电压 Battery Voltage	384V			
使用环境 Usage Environment				
运行环境温度 Operating Ambient Temperature	0-40℃			
相对湿度 Relative Humidity	0-95%不结露 0-95% no condensation			
海拔 Altitude	-25℃ - 55℃			
噪音 Noise	<54dB<60dB<65dB<70dB			
净重 (kg) N/W	328	396	450	575
毛重 (kg) G/W	347	416	474	600
尺寸 Dimension: (深 × 宽 × 高)mm (W*D*H)mm	845*450*1190	855*560*1380		875*680*1460

注：现行产品规格若有变更，不再另行通知。

Note: Current product specifications are subject to change without further notice.



技术参数

Technical Parameter

技术参数(160kVA-400kVA)

Technical parameters(160kVA-400kVA)

型号 / Model	SG33160	SG33200	SG33250	SG33300	SG33400
额定容量 (KVA) Rated Capacity(KVA)	160KVA/128kW	200KVA/160kW	250KVA/200kW	300KVA/240kW	400KVA/320kW
输入 Input					
额定电压 Rated Voltage	380V				
输入制式 Input format	3Ph+N+PE				
输入电压范围 Input Voltage Range	285-480VAC ± 25%				
输入频率范围 Input Frequency Range	45~65Hz				
输出 Output					
输出电压 Output Voltage	380VAC/400VAC ± 1%				
输出制式 Output format	3Ph+N+PE				
输出频率 (电池模式) Output Frequency (Battery Mode)	自动跟踪输入频率 automatically track input frequency				
功率因数 Power Factor	0.8				
波形失真度 Waveform Distortion	线性负载≤3%，非线性负载≤5% linear load≤3%,Non-linear load ≤5%				
过载能力 Overload Capacity	在110%/125%/150%过载时能维持10min/3min/1min It can maintain 10min/3min/1min at 110%/125%/150% overload				
切换时间 Switching Time	0ms				
电池 Battery					
电池电压 Battery Voltage	384V				
使用环境 Usage Environment					
运行环境温度 Operating Ambient Temperature	0-40℃				
相对湿度 Relative Humidity	0-95%不结露 0-95% no condensation				
海拔 Altitude	-25℃ - 55℃				
噪音 Noise	<70dB				
净重 (kg) N/W	895	970	1336	1510	1770
毛重 (kg) G/W	925	1000	1365	1550	1835
尺寸 Dimension: (深 × 宽 × 高)mm (W*D*H)mm	1120*705*1600		1400*910*1900	1400*1000*1900	

注: 1. 本系列机型均需外接电池。

Note: 1. All models in this series require external batteries.

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The product description or design is subject to change without prior notice.