



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10-40KVA

Industrial UPS Power Supply SG Series (10-40KVA)

产品概述

Product Overview

SG系列10-40KVA三进三出UPS能为重要负载提供不受电网干扰、稳压、稳频的电力供应。该系列UPS采用内置输出隔离变压器的结构和先进的控制技术，实现稳定、干净、不间断的电源输出，同时还提供多样化的通讯方案及友好的人机界面，方便用户对机器进行集成及监控。通讯选配件提供：RS232、干接点、SNMP、Modbus监控卡以及可扩展的智能插槽。

The SG series 10-40KVA 3-phase UPS can provide important loads with power supply that is not disturbed by the power grid, with stable voltage and frequency. Featuring a built-in output isolation transformer and advanced control technology, this series ensures reliable power output while offering versatile communication options and a user-friendly interface for seamless integration and monitoring. Available communication accessories include: RS232, dry contacts, SNMP, Modbus monitoring cards, and expandable intelligent slots.

主要特性

Key Features

- 1、双变换在线式设计，含输出隔离变压器；
Dual-conversion online design with built-in output isolation transformer
- 2、宽输入电压设计，卓越的电网适应能力；
Wide Input Voltage Range Design, Superior Grid Adaptability
- 3、零切换时间，纯净正弦波输出；
Zero switching time, pure sine wave output
- 4、所有PCB板均喷涂防腐绝缘漆，以适应高粉尘、腐蚀性气体环境；
All PCB boards are coated with anti-corrosive insulating varnish to ensure reliable operation in high-dust and corrosive gas environments.
- 5、直流应急启动功能；
Emergency DC Start Function
- 6、采用大功率模块封装器件，可承受电机类冲击性负载；
High-power modular components enable motor-driven impact load capability
- 7、可选配反向能量制动装置（负功吸收模块），确保负载稳定运行；
Optional reverse power braking device (regenerative absorption module) to ensure stable load operation
- 8、冗余拓扑结构，确保负载在各种情况下的供电安全。
Redundant topology ensures power supply security for critical loads under all conditions.



应用范围

Applications

- 1、工业自动设备、SMT贴片机设备；
Industrial automatic equipment, SMT placement equipment
- 2、发射机站、控制室、医疗仪器设备；
Transmitter stations, control rooms, medical equipment
- 3、工厂生产设备；
Production equipment
- 4、监控、保安系统、资讯中心；
Monitoring, security systems, information centers
- 5、工矿设备、化工、石化生产设备；
Industrial and mining equipment, chemical and petrochemical production equipment
- 6、其他不允许断电之贵重设备。
Other valuable equipment that cannot be powered off

技术参数 Technical Parameter

技术规格及参数如下：
Technical specifications and parameters :

型号 / Model	SG3310	SG3315	SG3320	SG3330	SG3340
额定容量 (KVA) Rated Capacity(KVA)	10kVA/8kW	15KVA/12kW	20KVA/16kW	30KVA/24kW	40KVA/32kW
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	285~485V				
输入频率范围 Input Frequency Range	46~54Hz@50HZ、56~64@60Hz				
输出 Output					
输出电压 Output Voltage	380V±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	≤2%线性负载, ≤5%非线性负载 ≤2% linear load, ≤5% Non-linear load				
过载能力 Overload Capacity	110%@10min, 125%@3min, 150%@1min				
切换时间 Switching Time	0ms				
电池 Battery					
电池电压 Battery Voltage	默认384V (29~32可调) Default 384V (29~32 pcs adjustable)				
尺寸及重量 Dimension and Weight					
净重 (kg) N/W	108	130	146	220	257
毛重 (kg) G/W	120	145	160	238	280
尺寸 Dimension: (宽 × 深 × 高)mm (W*D*H)mm	360 × 560 × 900			450 × 683 × 1100	
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% (无凝露) 0~95%(no condensation)				
噪音 Noise	< 54dB			< 60dB	

注：1. 本系列机型均需外接电池。

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

2. 现行产品规格若有变更，不再另行通知。

2. Current product specifications are subject to change without further notice.



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We reserve the right of final interpretation for this product.

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