



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

通用塔式三三系列UPS (10-20kVA)

General tower 3-phase series UPS (10-20KVA)

产品概述

Product Overview

10-20kVA三三系列是一款具有强大适应性，配置灵活的在线式UPS产品，采用双转换纯在线式架构，是最能有效解决所有电源问题的架构设计。能解决电网中出现的：市电断电、电压瞬间跌落或是减幅震荡、高压脉冲、浪涌电压、谐波失真、杂波干扰、频率波动等电力问题，为用户负载提供安全可靠地电源保障。采用先进的DSP数字控制技术，有效提升了产品性能和系统可靠性、并实现更高功率密度的集成个小型化。同时为了全方位满足用户的个性化需求，本系列提供了非常丰富的可扩展功能、用户可以根据需要灵活配置。

The 10-20kVA 3-input and 3-output tower series is an online UPS product with strong adaptability and flexible configuration. It adopts a double-conversion pure online architecture, which is the most effective architectural design to solve all power problems. It can resolve power grid issues such as utility outages, voltage dips or oscillations, high-voltage pulses, surge voltages, harmonic distortion, interference, and frequency fluctuations, providing a safe and reliable power supply for user loads. We take advanced DSP digital control technology effectively to improve product performance and system reliability, and achieves higher power density integration and miniaturization. To fully meet user needs, this series offers a rich set of scalable features, allowing for flexible configuration based on individual needs.

应用对象

Applications:

服务器、存储器、网络设备、通讯设备、自动化设备、精密仪器、办公终端、监控、保安系统、重要家电。

Servers, storage, network equipment, communications equipment, automation equipment, precision instruments, office terminals, surveillance, security systems, and important home appliances.

适用行业

Applicable Industries:

电信、金融、政府、医疗、教育、制造、邮政/物流、交通、商业/零售。

Telecommunications, finance, government, healthcare, education, manufacturing, postal services/logistics, transportation, and commerce/retail.

功能特点

Features

1. 双变换在线式设计，确保供电高可靠。
Double-conversion online design ensures highly reliable power supply.
2. 电池数量16~20可调。
Adjustable battery capacity from 16pcs to 20pcs.
3. 可选维护旁路。
Optional maintenance bypass.
4. 并机数量最多可达4台。
Parallel operation up to 4 units.
5. 可选双路市电输入。
Optional dual AC input.
6. 可选隔离变压器。
Optional isolation transformer.





技术参数

Technical Parameter

技术规格及参数如下:

The technical specifications and parameters are as follows:

型号 / Model	SH3310	SH3315	SH3320
额定容量 (KVA) Rated Capacity(KVA)	10KVA/8KW	15KVA/12KW	20KVA/16KW
输入 Input			
电压范围 Voltage Range	380VAC ± 25%		
频率范围 Frequency Range	46~54Hz或56~64Hz 46~54Hz or 56~64Hz		
输入制式 Input format	3Ph+N+PE		
功率因数 Power Factor	0.99@额定电压 (100%负载) 0.99@Rated voltage (100% load)		
双市电输入 Dual mains power input	可选		
输出 Output			
输出电压 Output voltage	380V ± 1%		
频率范围 Frequency range	50/60 ± 0.1HZ (电池模式) 50/60 ± 0.1HZ (Battery Mode)		
输出制式 Output format	3Ph+N+PE		
电压精度 Voltage accuracy	± 1%		
转换时间 Switching time	0ms		
输出谐波失真 Output Harmonic Distortion	线性负载 ≤ 2%，非线性负载 ≤ 5% linear load ≤ 2% ,Non-linear load ≤ 5%		
过载能力 Overload capacity	市电模式 Mains power mode: 105~110% 10min , 110~130% 1min, 电池模式 Battery mode: 105~110% 30S , 110~130% 10S.		
直流输入 DC Input			
直流电压 DC Voltage	192VDC (16~20节可选)		
尺寸及重量(Dimension and weight) :			
深*宽*高mm D*W*H	592*250*576		
净重N/W (KG)	34	37	39
使用环境 Usage Environment			
运行环境温度 Operating Ambient Temperature	0~40℃		
运行环境湿度 Relative Humidity	0~90% (不结露) 0~90% no condensation		
海拔高度 Altitude	1000m以下无需降容 No need to reduce capacity below 1000m		
噪音 Noise	< 45dB@1米 < 45dB@1meter		
控制管理 control and management			
显示 Display	LCD屏幕、LED状态指示灯 LCD screen, LED status indicator		
通讯 Communication	可选配网卡、干接点卡、Modbus卡 (预先告知) Optional network card, dry contact card, Modbus card (advance notice)		

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.