

UPS系列

不间断电源



UPS Series uninterrupted power source

UPS-A800系列

工频在线式不间断电源 / 单进单出 (3KVA-20KVA)

A800 series power-frequency online type UPS / Single-inlet single-outlet type (3KVA-20KVA)

概述

General

A800系列UPS是针对中国电网环境和网络系统、医疗系统等对电源的高可靠性要求，以全新的数字技术研制出的第五代工频纯在线式智能型UPS。系统采用在线式双变换拓扑架构设计，完全消除了电网的各种干扰；AC/DC输入设有谐波抑制器，完全消除了UPS对电网的谐波干扰；DC/AC变换器采用SPWM脉宽调制技术、IGBT功率模块以及输出隔离变压器，使UPS的输出为稳频、稳压、滤除杂波、不受电网波动干扰、低失真度的纯净正弦波电源。

A800 series UPS is the fifth generation of power-frequency pure online type intelligent UPS developed by adopting digital technology, it meets the high reliability requirements of China power grid situation, network systems and medical systems. It adopts online type dual-conversion topological structure, to completely eliminate all kinds of interference of power grid; AC/DC input is designed with harmonic suppressor that fully eliminate the interference of UPS to the power grid; DC/AC converter adopts SPWM technology, IGBT power module and output insulating transformer so that the output of UPS is a pure sine wave power supply with stable frequency and voltage, free of noise, free of interference from power grid fluctuation, and low distortion,

应用范围

Applications

适用于金融、电信、证券、税务、交通、保险、政府、企业等各种场合。

It is applicable for various fields such as financial industry, telecommunications, securities business, tax administration, traffic, insurance industry, the government, enterprises, etc.

技术参数

Technical index

型号	Model	A801	A802	A803	A804	A806	A808	A810	
额定容量	Rated capacity	1KVA	2KVA	3KVA	4KVA	6KVA	8KVA	10KVA	
输入	电压范围	220VAC \pm 25%/380VAC \pm 20%							
	频率范围	50 (60) HZ \pm 5%							
	相数	单相+GND			单相+GND				
输出	波形	纯正弦波							
	电压	220VAC							
	频率	50(60)HZ							
	电压稳定性	\pm 1%							
	频率稳定性	\pm 0.5%—满载时			\pm 0.5%(battery power supply)				
	波形失真度	<3%非线性负载			<3% linear load; <5% non-linear load				
电池	电池类型	免维护铅酸蓄电池							
	直流电压	48V DC				192V DC			
	电池数量	4个	4pcs			16个	16pcs		
系统	控制模式	PWM脉宽调制			PWM (pulse width modulation)				
	过载容量	过载125% 10min, 过载150% 1s		Overload 125% for 10min, overload 150% for 1s					
	功率因数	0.7滞后			0.7 lag				
	转换时间	0ms							
	效率	>85%							
人机界面	LCD显示	输入/输出电压、频率、电池电压、负载功率、温度、内部、工作状态							
	LED指示	市电、反充、逆变、旁路、电池、过载、异常							
Rs232通信软件功能		1. 电源状态分析 2. 定时开关UPS系统 3. 监测UPS工作 4. 报警信息和发送短信			1. Power status analysis 2. Timing switch on/off UPS system 3. Monitoring of UPS 4. Message alarm and sending text messages				
保护	浪涌保护	符合IEEE527标准							
	噪声信号保护	符合FCC.A类							
环境	噪声	<55dB—距离1M处							
	温度	0-40%							
	湿度	20%-90% 不凝露			20%-90%, no dew				
安装	海拔	<1500M							
	重量 (不含电池)	35KG	57KG	68KG	62KG	66KG	100KG	110KG	
尺寸	尺寸(mm)	210 x 490		210 x 580		230 x 540		305 x 585	
	设备尺寸	WxDxH		x 500		x 540		x 570	x 870

注：产品规格如有变更恕不另行通知。 Note: the product specifications are subject to change without notice.