

UPS Inverter UPS 逆变器 24V

Product Features 产品特性

High-performance current-mode PWM controller is designed for cost-effective AC/DC conversion, providing up to 8W/DC24V continuous output power in the wide voltage range of AC110V-250V, peak output power up to 15W output, while limiting the current to charge lithium battery.

本产品采用集成电路检测，性能安全可靠。具有短路保护，过载保护、电池过充保护、过放保护。锂电池内置防爆安全阀，安全可靠性能极高。充电模式采用低压限流充电，电池使用寿命长。产品设计精致，安装方便，体积小，功能完善。

Features of UPS-24V UPS 特点

1 High-performance current-mode PWM controller is designed for cost-effective AC/DC conversion, providing up to 8W/DC24V continuous output power in the wide voltage range of AC110V-250V, peak output power up to 15W output, while limiting the current to charge lithium battery.

高性能电流模式PWM控制器专为高性价比AC/DC转换设计，在市电AC110V-250V的宽电压范围内提供高达8W/DC24V连续输出功率，峰值输出功率更可达15W输出，同时限流给锂电池充电。

2 Using ternary lithium battery, assembled into six strings (2AH). The discharge time of emergency lighting can reach more than 4 hours under rated power condition. Charge and discharge >500 times, long service life.

采用三元锂电池，组装成六串（2AH）。应急照明放电时，在额定功率条件下,时间可达4小时以上。充放电>500次，使用寿命长。

3 Special lithium battery protection chip, high-precision detection of each battery (overdischarge protection voltage: 2.7V±25mV(25°C) overdischarge release threshold: 3.0V±25mV(25°C) overcharge protection voltage: 4.20V±25mV Overcharge relief threshold: 4.05± 25mV(25°C).

专用锂电池保护芯片，高精度检测每一节电池的(过放保护电压：2.7V±25mV(25°C) 过放解除阈值：3.0V±25mV(25°C)过充保护电压：4.20V±25mV (25°C),过充解除阈值：4.05±25mV(25°C)。



4 Built - in battery disconnection protection to cut off charging and discharging within 30 seconds.

内建电池断线保护30秒内切断充电和放电。

5 Protection: overload, short circuit, battery high and low voltage protection;

保护：过载、短路、电池高低压保护;

6 Panel switch is in "I" position, standby charging state when there is mains power; When there is no mains supply, it will automatically switch to output DC24V, and the battery charging voltage is 25V.

面板开关在“I”位置，有市电时待机充电状态；无市电时，将自动切换输出DC24V，电池充电电压为25V。

Technical Parameters 技术参数

Model 型号	SNG-UPS 24V		
Rated Power 额定功率	8W		
peak power 峰值功率	15W		
Input voltage 输入电压	AC110V-250V		
Output voltage 输出电压	DC24V		
Output voltage 工作环境	温度-20°C-65°C	海拔<1000M	湿度 +40°C<50°C +25°C<90°C