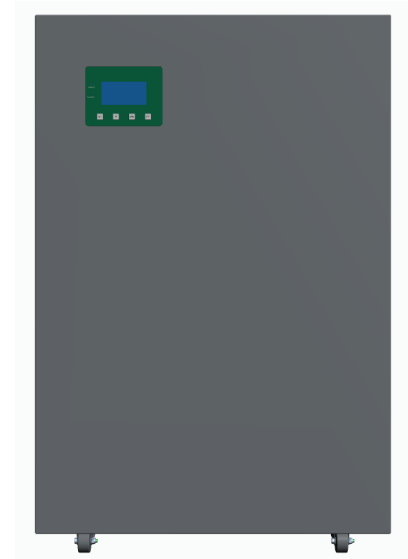


## 产品说明

该系统为离网家用储能产品，支持光伏、市电两种充电模式，输出功率 3KW，可输出 230V / 50Hz 纯正弦波交流电，可为电视机，电风扇，冰箱，空调，洗衣机，微波炉等小功率电器供电。该系统在机柜内部集成了锂电池和电池管理系统，可延长电池的使用寿命，其智能控制界面操作方便，是无电或电力不稳定地区的理想家用绿色储能产品。

## 产品规格

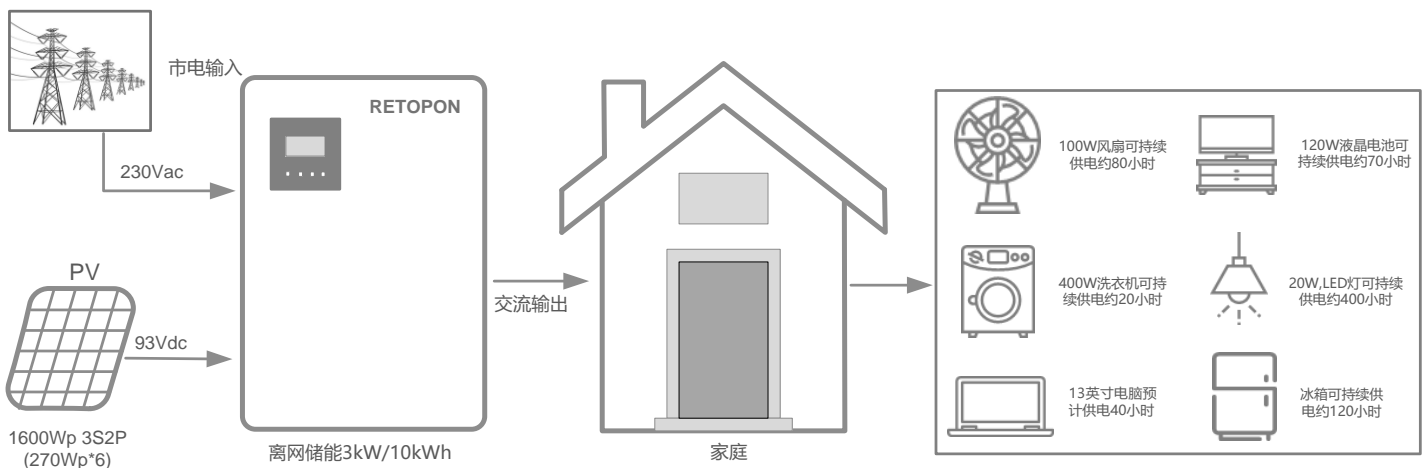
产品名称	离网储能
产品型号	RE30100
功率/容量	3KW/10KWh
电池类型	磷酸铁锂电池
电池容量	200Ah
电池额定电压	51.2V
输出电压	230VAC/50Hz
光伏输入电压	DC72V-150V
最大光伏输入功率	3000Wp
额定输出功率	3000W
逆变器输出波形	纯正弦波
系统效率	≥87%
工作环境温度	-10℃~55℃
产品重量	80kg
安装方式	落地式
安全认证	CE、RoHS



## 安全技术

输出过载保护;输出短路保护;  
电池过温保护;电池过流保护;  
电池过充保护;电池过放保护。

## 应用场景



最新产品资料请登录公司官网下载 [www.retopon.com](http://www.retopon.com)，或关注公司微信公众号进行查阅

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# Off-grid Energy Storage System



## Product Description

This off-grid household energy storage system supports both photovoltaic direct current and grid alternative current charging modes, and allows up to 3KW AC power output in 230V / 50Hz pure sine wave for low-voltage electrical appliances, such as televisions, electric fans, refrigerators, air conditioners, washing machines, microwave ovens, and so on. This product integrates a lithium battery management system inside the cabinet to ensure longer lifetime, outside which its intelligent control interface is user friendly and convenient for operation. The product is an ideal household green energy storage device for occasions where electricity is not available or unpredictable.

## Product Specification

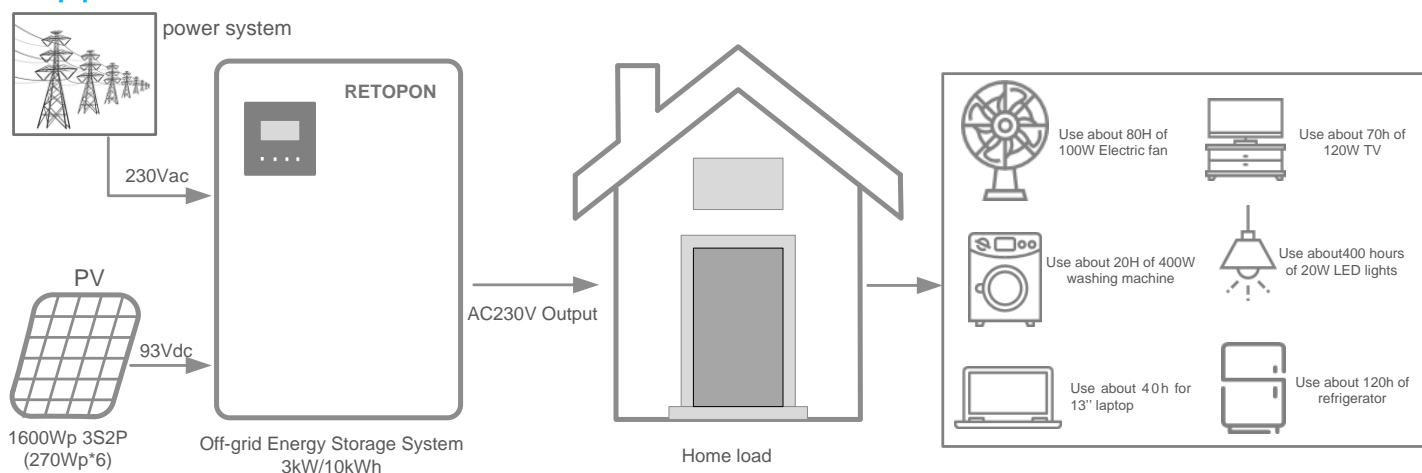
Product Name	Off-grid Energy Storage System
Model Number	RE30100
Power & Capacity	3KW/10KWh
Battery Type	LFP
Battery Capacity	200Ah
Battery Rated Voltage	51.2V
AC Output	230VAC/50Hz
PV Input Voltage Range	DC72V-150V
PV Input Maximum Power	3000Wp
Rated Output Power	3000W
Inverter Output Waveform	Pure Sine Wave
Inverter Output Frequency	49.5~50.5Hz
Energy Efficiency	≥87%
Working Temperature	-10°C~55°C
Weight	80 kg
Installation Method	Floor Type
Safety Certificate	CE、RoHS



## Safety Technology

- Output overload protection;
- Output short-circuit protection;
- Battery over-temperature protection;
- Battery over-current protection;
- Battery over-charge protection;
- Battery over-discharge protection.

## Application Scenario



For the latest product information, please visit the official website: [www.retopon.com](http://www.retopon.com), or join the company's WeChat Subscription group for more details.

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