

产品说明

该装置用于家庭光伏储能，采用长寿命环保型的磷酸铁锂电池作为电量存储载体，并配置灵活高效的管理系统，可输出功率 5kW，支持并网和离网两种运行模式，可储存太阳能电池发出来的电实现自发自用，也可以将多余的电量回馈到电网中，通过向电网售电获利。可用在采用太阳能发电的家庭、小型商业场所、办公区域以及峰谷电价差较大的地方。

产品规格

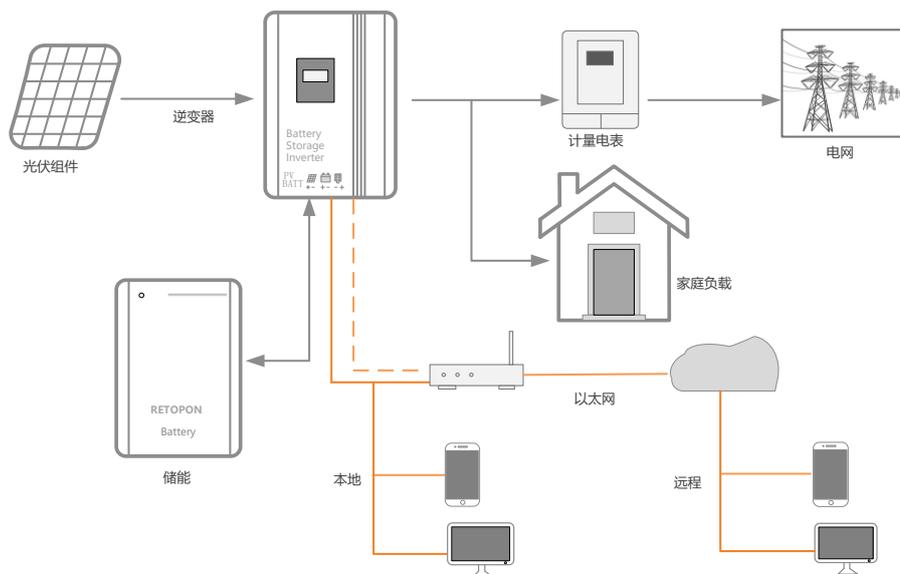
产品名称	户用储能
产品型号	RE5000
功率/容量	5KW/4.8KWh
电池类型	磷酸铁锂电池
电池容量	100Ah
电池额定电压	51.2V
离网输出	230VAC±2%，50Hz（60Hz）可选
交流最大输出电流	22.1A
光伏输入电压范围	DC125V-550V
最大光伏输入电压	580V
额定输出功率	5000W
并网连接	单相
并网电压范围	230Vac 50/60Hz;180V-270Vac
系统效率	≥92%
工作环境温度	-10°C~55°C
安装方式	落地式
安全认证	CE、RoHS



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



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Product Description

This household energy storage system is designed to couple with photovoltaic generation by utilizing long lifetime environment-friendly lithium iron phosphate battery as electricity carrier with output power up to 5kW as well as a flexible and efficient management system. Therefore, the electricity generated by the solar cells can be utilized under an off-line way, and also its redundant generation can be sold to the power grid to gain profit via an on-line mode. The facility is suitable for utilizations in houses with PV panels, small business buildings, office areas and some places where the price gap of peak and valley electricity is considerable.

Product Specification

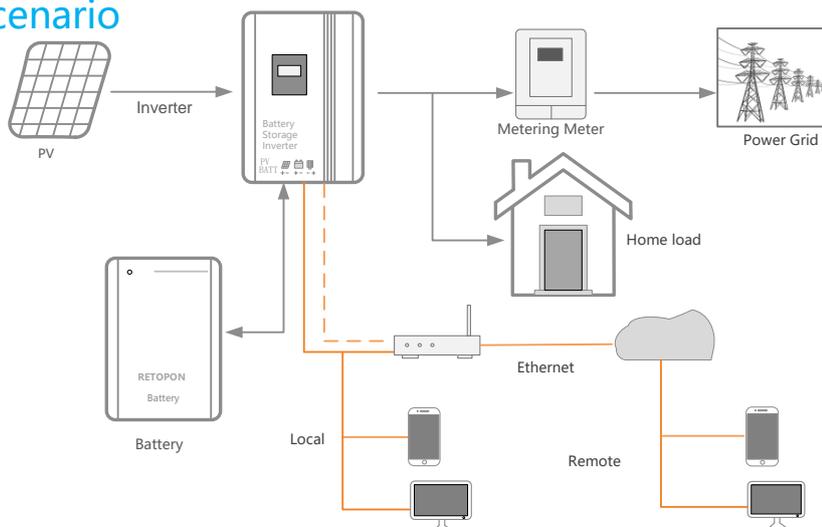
Product Name	Household Energy Storage System
Model Number	RE5000
Power & Capacity	5KW/4.8KWh
Battery Type	LFP
Battery Capacity	100Ah
Battery Rated Voltage	51.2V
Off-grid Output	230VAC±2%, 50Hz (60Hz)
AC Maximum Output Current	22.1A
PV Input Voltage Range	DC125V-550V
PV Maximum input voltage	580V
Rated Output Power	5000W
Grid-Connected Phase	Single-Phase
Grid-Connected Voltage Range	230Vac 50/60Hz; 180V-270Vac
Energy Efficiency	≥92%
Working Temperature	-10°C~55°C
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, or join the company's WeChat Subscription group for more details.

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