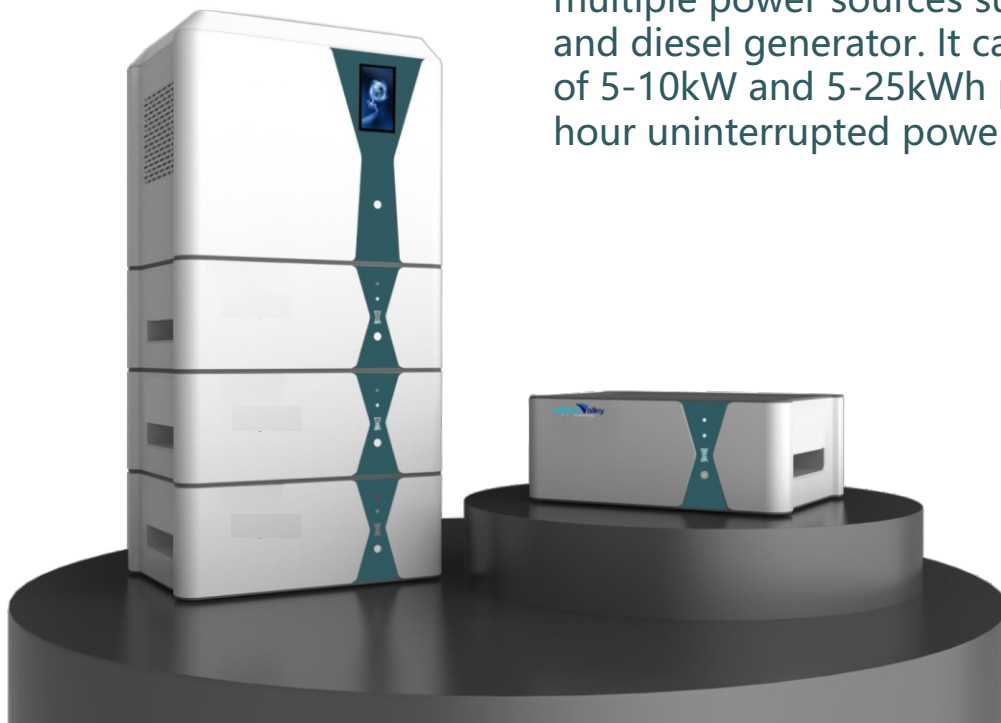


BH5000 STACKABLE BATTERY ENERGY STORAGE SYSTEM

SOLAR CITY GAS
www.solarcitygas.com

Stacked Home Energy Storage

This is a stackable energy storage system, which adopts integration technology, can obtain energy from multiple power sources such as photovoltaic, mains, and diesel generator. It can meet the household loads of 5-10kW and 5-25kWh power consume, to realize 24-hour uninterrupted power supply for the family.



Loads Power Range

5-10kW

Power Consumption Range

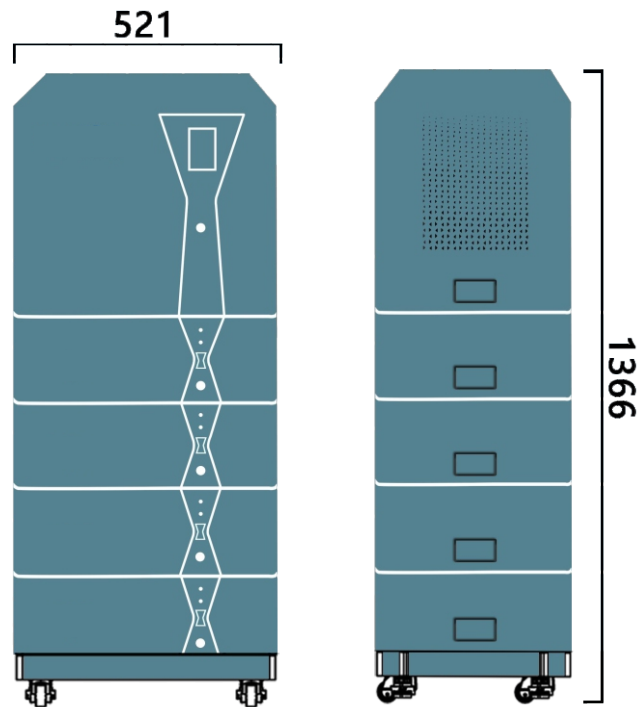
5-25kWh

Recommended Layers

1-5 layers

Specifications

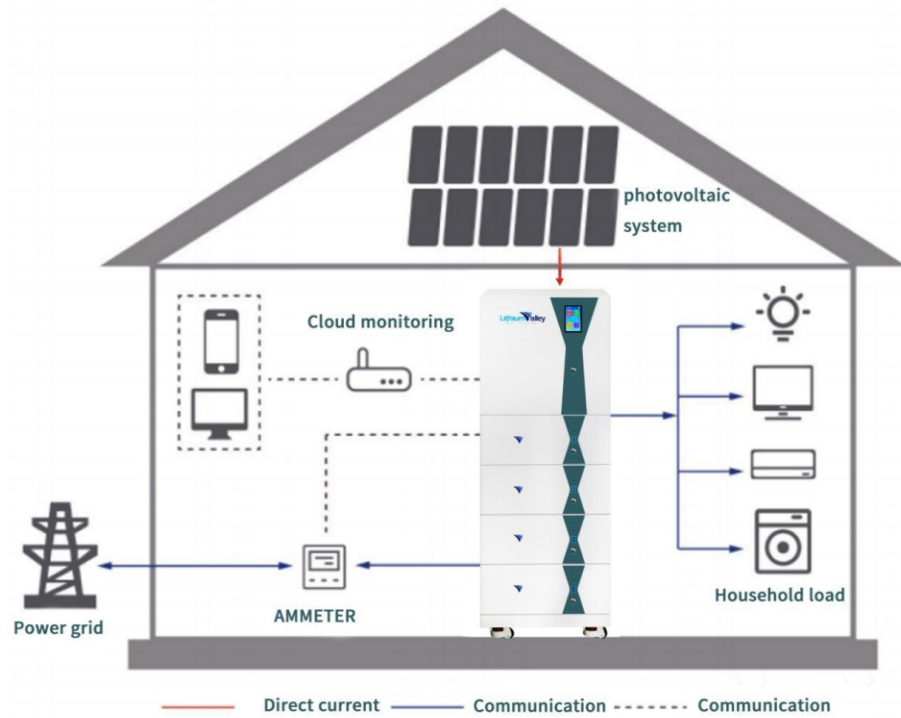
Battery type	Lithium Iron Phosphate(LiFePo4)
Battery spec	51.2V 100Ah/ 5kWh
Protection	OCP/OVP/SCP/OTP
Nominal voltage (single phase system)	110V/220V
Life cycle	>5000 (@80%DOD,25°C)
Battery Dimension (L*W*H)	520*420*200mm
Battery weight	52KG
Communication	RS485 / RS232
Installation	Floor stand (standard), Wall mount (optional)
Operating temperature	-20°C ~ + 55°C (-4°F ~ 131°F)
Certificate	CE TUV



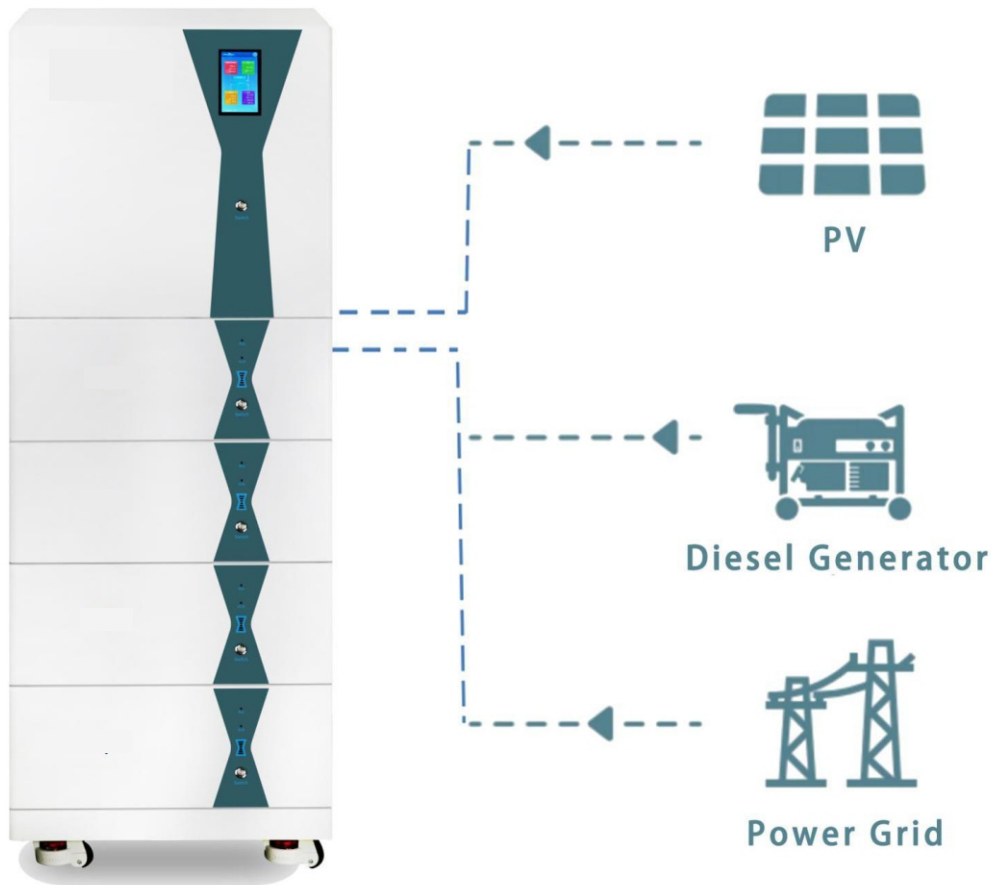
SOLAR CITY GAS
www.solarcitygas.com



Home Battery Energy Storage Solution



SOLAR CITY GAS
www.solarcitygas.com



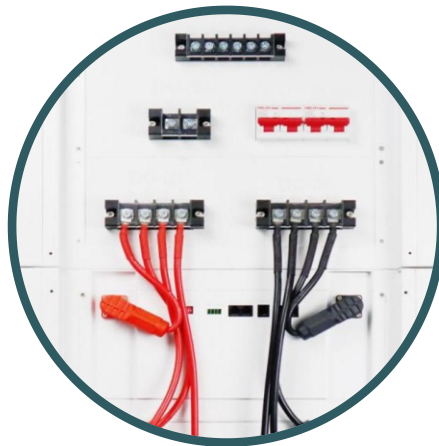
Multi-source energy storage mode, intelligent switching

- It can be connected to photovoltaic, mains, diesel generator and other multi-source power supply methods, intelligently switch the power storage and power generation mode according to the user's usage scenarios.

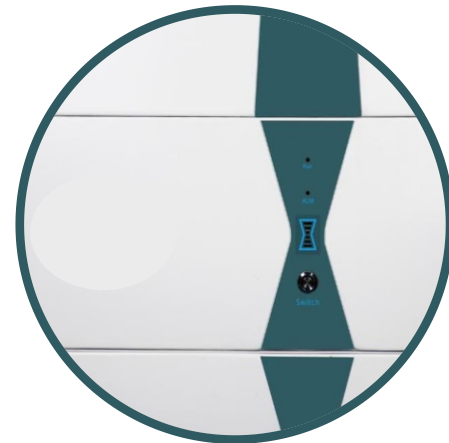
Product Details Display



- LCD Display Screen
- Design of Cooling Holes
- Hand pull type/Wall mountable installation



- IP67 Port Insulation
- Simplified Wiring Method
- Foolproof Socket Design



- Modular and Stackable Design
- Beautiful and Stylish Design

SOLAR CITY GAS
www.solarcitygas.com

Grade A Battery

- LiFePO4 battery
- 80% DOD
- 6,000 cycles

BMS System

- Monitor the performance status of 16 cells at the same time, the data is more accurate
- Multiple protections for overcharge, overvoltage, overcurrent, overdischarge, overtemperature, and overload
- Intelligent balance Circuit protection for better consistency of the cells.



LED Display Screen

- SOC status indicator, the information of Battery, Inverter, load, PV charging, Grid

SOC Breathing Light

- SOC power display: different colors to indicate different power usage.
- Fault alarm: The equipment fault can be found in time through the breathing light (red)

Universal Wheel

- Easy to move, convenient for customers to place anywhere in the home
- A single universal wheel can bear 150KG, which is safe and reliable



Flexible Battery Expansion

- The modular design brings the benefits of flexible power expansion. Users can stack and expand as needed, which is convenient for maintenance after use.



Advantages

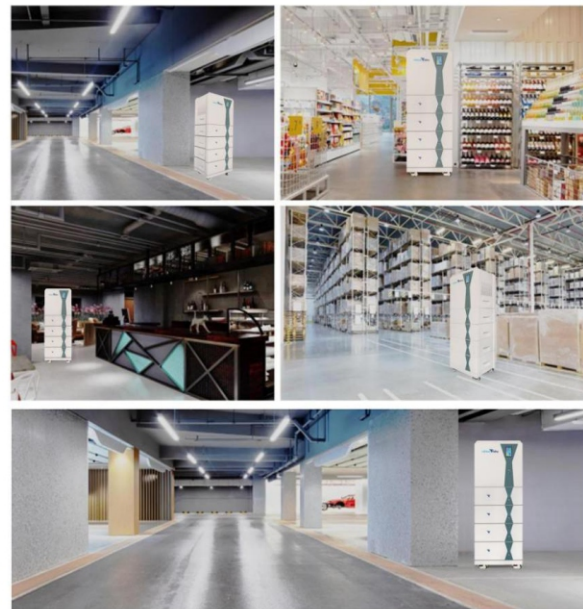
- Safe and reliable: Long life time, multiple protection functions
- Smart switch: Supporting emergency power supply
- Smart and simple:
RS485/CANBUS/Bluetooth available, supporting remote monitoring
- Wide voltage input range
- High power efficiency



SOLAR CITY GAS
www.solarcitygas.com

Expand More Usage Scenarios

- In addition to home use, BH5000 series ESS is also suitable for scenarios such as apartments, shops, offices, laboratories, and garages to power electric vehicles.



SOLAR CITY GAS
www.solarcitygas.com

Why Choose Us



**Support
Customization**



**Professional
Team**



**International
Quality**



Multifunctional



**Logistics
Guarantee**

SOLAR CITY GAS
www.solarcitygas.com



SOLAR CITY GAS

www.solarcitygas.com



Africa Address:
27, Sanusi Fafunwa Street
Victoria Island Lagos Nigeria
01-2917107. Or 08058887411
WhatsApp: 08091756484

SOLAR CITY GAS. DBA
ENVIROQUE TECHNOLOGIES
LLC., 145 Hookcreek Blvd. Valley
street New York. 11581. USA.