

# O-BOX-5



## Introduction

This is a new generation of energy storage products that integrate inverters and batteries, and is a landmark “New Home appliance”

## Features

### Utilize solar energy 24 hours

Home ESS allows you to enjoy solar energy production all day. Whenever there is excess solar energy, the ESS can store it for later use when there is no sun. No more waste of solar-generated energy. Maximize self-consumption.

### Store Cheaper Energy to Use Later

By storing energy during low off-peak price periods and using the stored energy when the price is high, customers can avoid paying high rates.

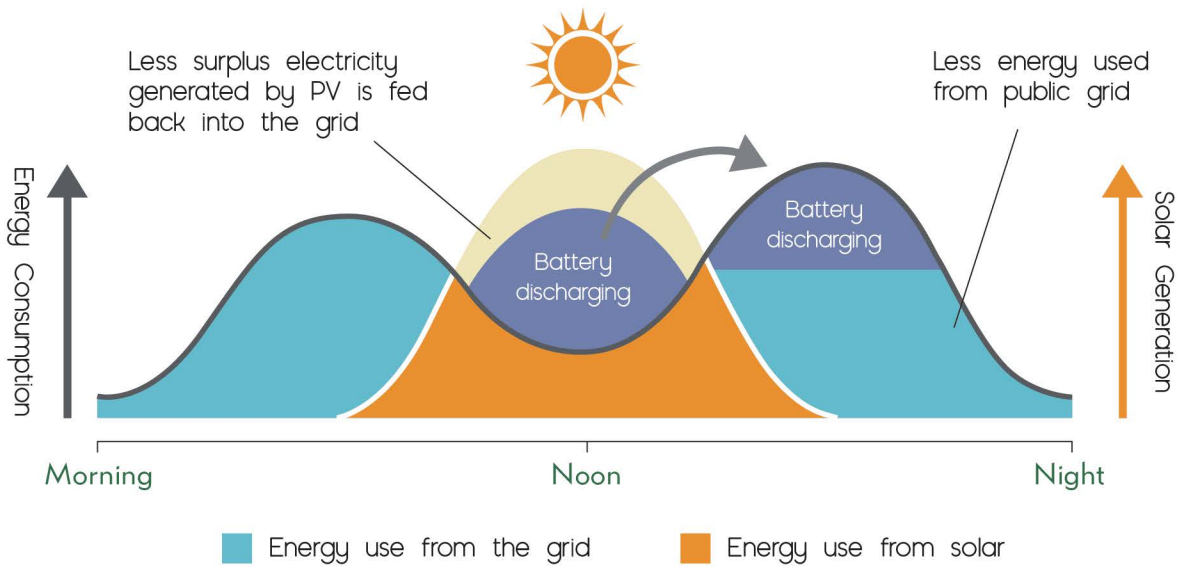
### Reduce Electricity Bills Significantly

Harvest a majority of electricity from the sun instead of purchasing from the grid, especially peak-hour expensive electricity purchase.

### Enjoy Back-up Power Supply

Provide emergency power supply during grid blackouts.

## Typical day with solar system and energy storage



Product Name	ALL-IN-ONE Energy Storage System
Model Number	O-BOX-5 Series
Product Dimension	580mm*1800mm*350mm
Product Weight	86kg + n*battery module
Norminal Capacity	up to 14.4kWh
Norminal Output Power	up to 5kW
Standard Charge Current	25A
Maximum Charge Current	50A
Standard Discharge	25A
Maximum Discharge Rate	50A
Cycle Life	≥4000cycles@0.5C/0.5C @90%DOD, ret@80%, 25 °C
Round-Trip Efficiency	≥95%
Communication Protocol	RS232, RS485, CAN

