

# Inverter Operation Guide

Srne-HES4855S100-H



# Contents

01

**Scenario**

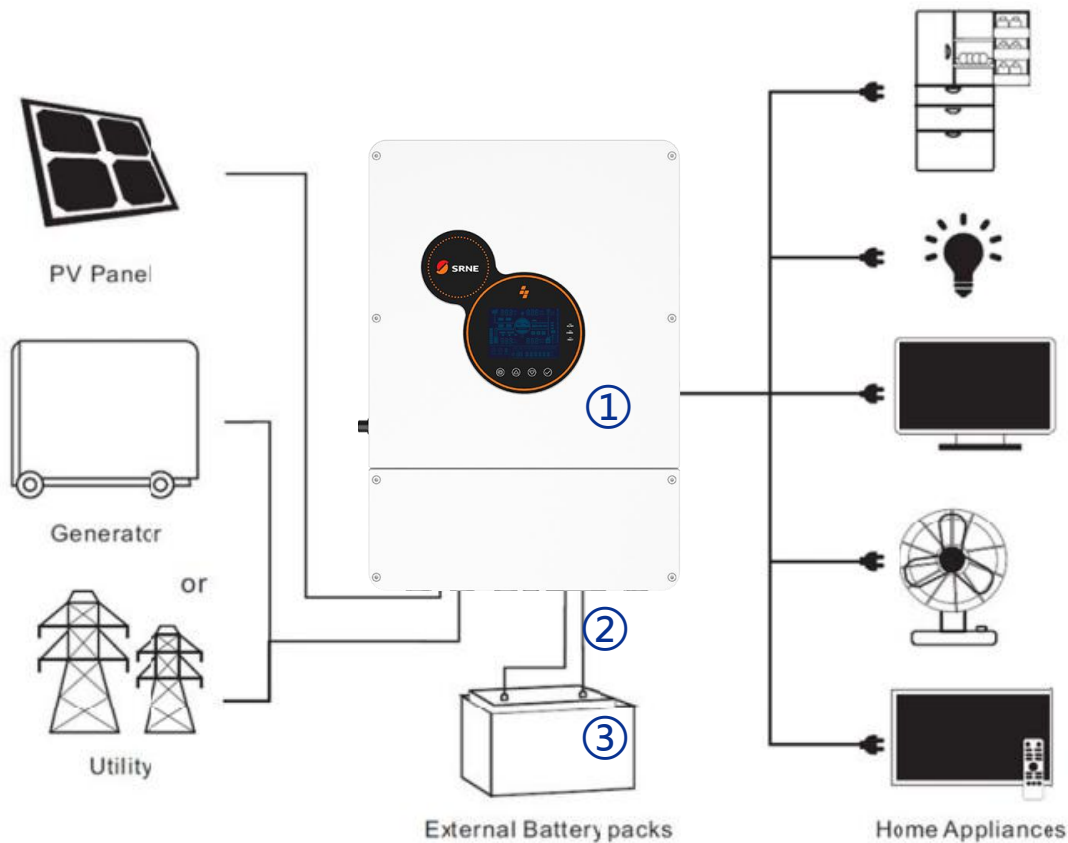
02

**Connection**

03

**Configuration**

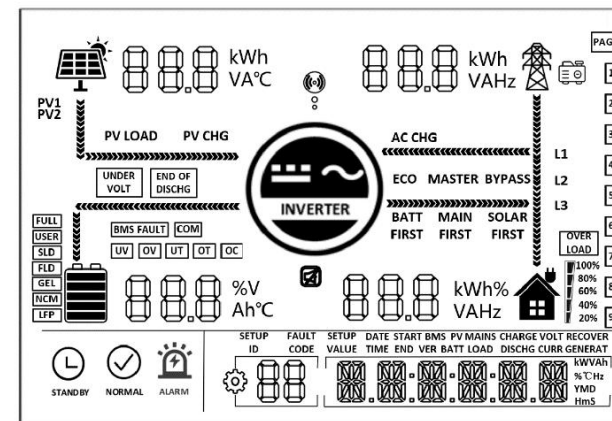
## Simple home storage scenario



## Key elements

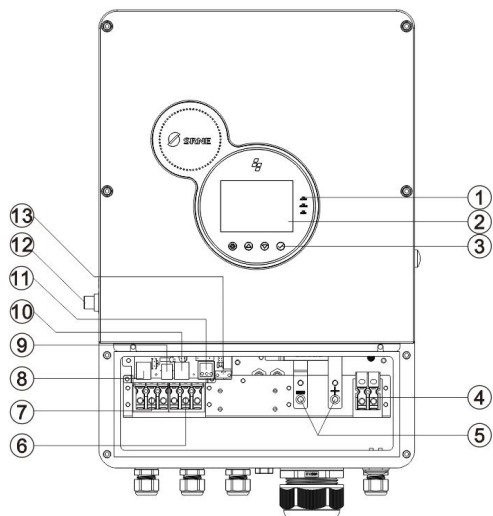
- ① **Inverter** : Srne-HES4855S100-H
- ② **Interconnection cable** : Customized communication cable
- ③ **Battery** : The Li-ion Battery Pack composed of 16 strings of cells

## PCS Control Panel



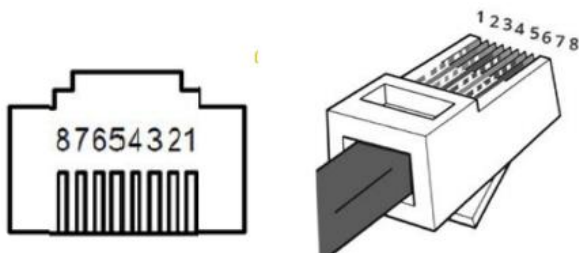
Object	Description
	Entering/Exiting the Settings Menu
	Page Number/Option Increase
	Page Number/Option Subtraction
	In the settings menu, confirm/enter options

## PCS Interfaces



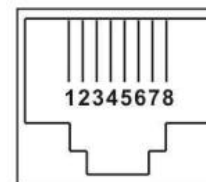
Obeject	Description	Obeject	Description
1	Light	9	USB communication port
2	LCD display	10	RS485-1 communication port
3	Tap the button	11	Dry contact port
4	PV terminals	12	Overload protector
5	Battery terminals	13	CAN communication port
6	AC output		
7	AC input		
8	RS485-2 communication port		

## Connection Between PCS and BMS



1	VCC-5V
2	GND
7	<b>RS485-A</b>
8	<b>RS485-B</b>

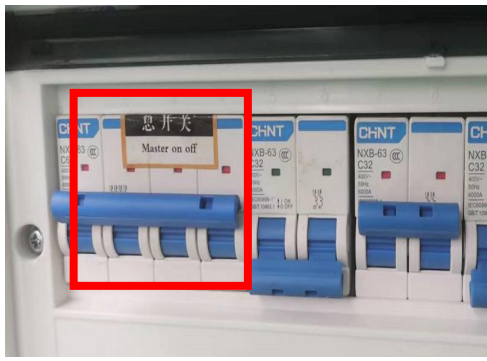
PCS Side



PIN1	<b>RS485-B</b>
PIN2	<b>RS485-A</b>
PIN3	GND
PIN4	<b>CAN-H</b>
PIN5	<b>CAN-L</b>
PIN6	GND
PIN7	RS485-A
PIN8	RS485-B

BMS Side

# Matching Setting of Inverter and BMS-1



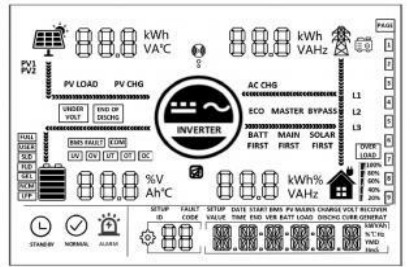
①

- 1. Check system connection conforms
- 2. Turn on the AC power switch



③

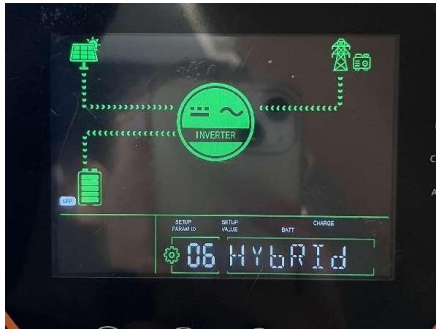
Press --> Item 1, set to **AC 1ST** --> Press save the settings



Press --> Go to system setting



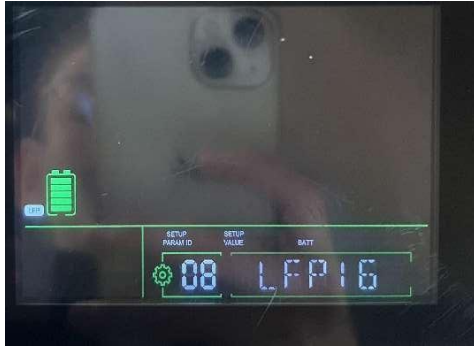
②



④

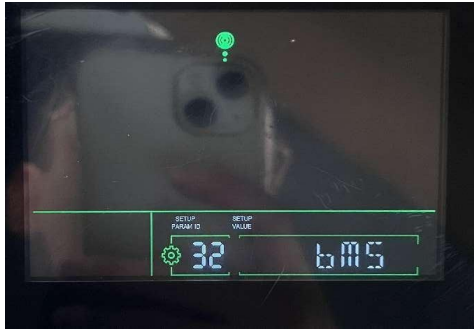
Press --> Item 6, set to **HYbRId** --> Press save the settings

# Matching Setting of Inverter and BMS-2



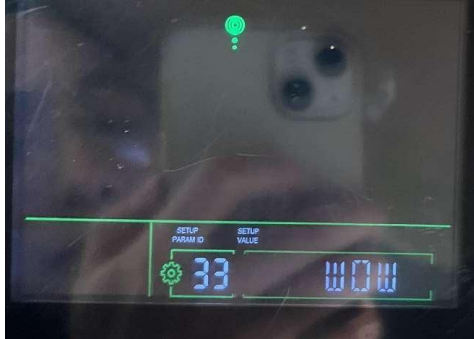
5

Press -->Item 8, set to **LFP 16**-->Press save the settings



6

Press -->Item 32, set to **BMS**-->Press save the settings



7

Press -->Item 33, set to **WOW**-->Press save the settings