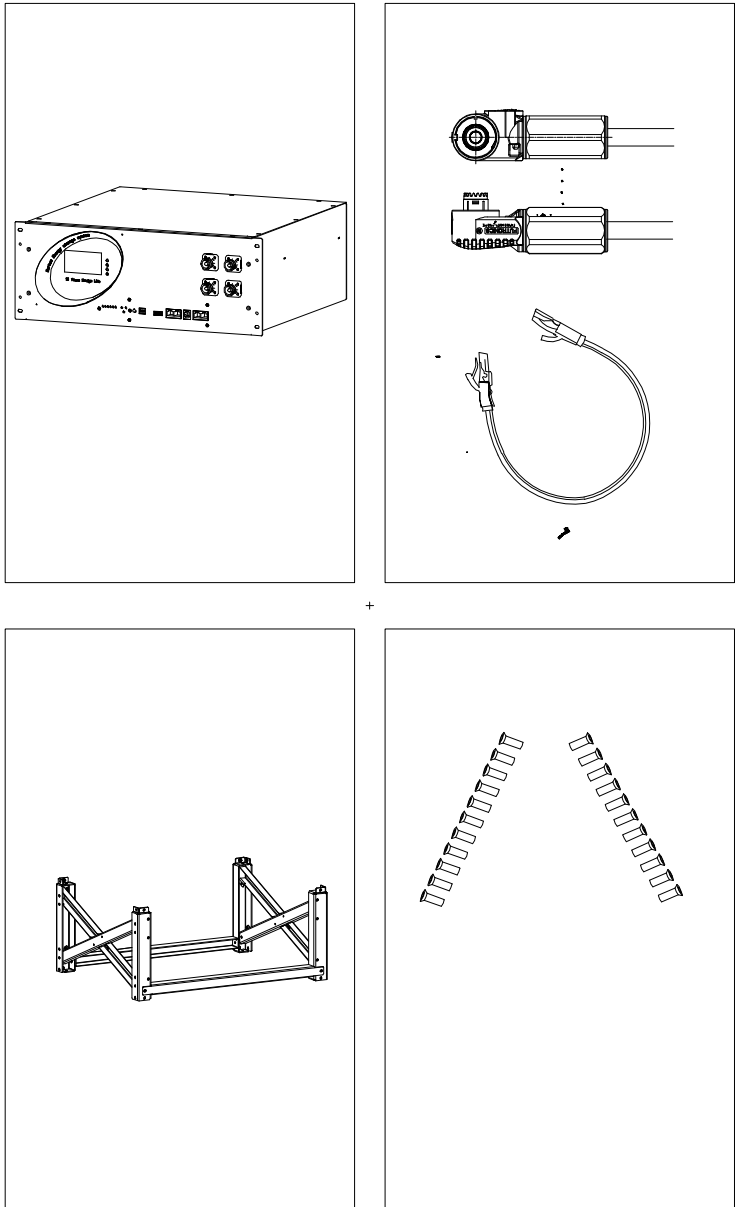# J4U48100 Battery

User Manual

1.Product Parts

2.Installation Steps

① Assemble the matching bracket with the matching screws, as shown in the picture below.

② Starting from the bottom layer, place the batteries one by one into the brackets and secure them with the matching screws.

③ Insert the positive and negative cables and communication lines into the corresponding interfaces of each battery. There are instructions on the interfaces below.

④ After the wiring between batteries and external wiring are connected, set the dialing code according to the rules on page 6, and then press the buttons below the display one by one to turn on the battery..
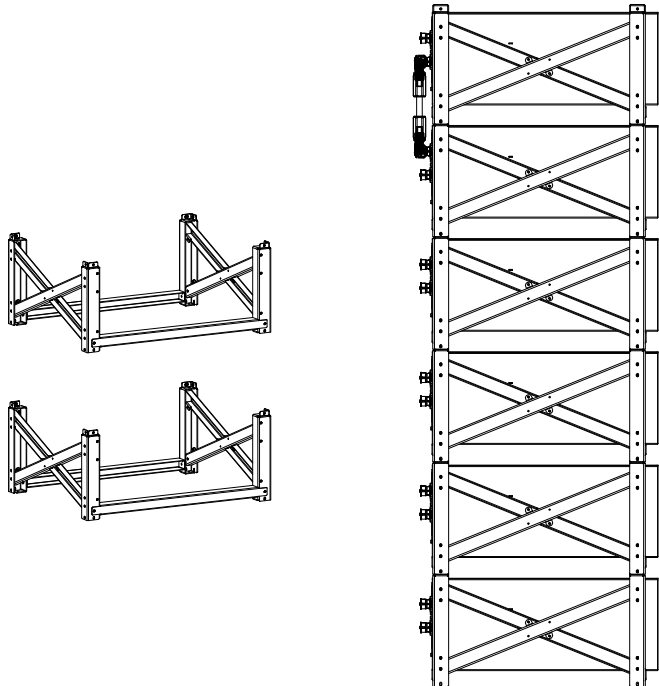
3.Connection Diagram
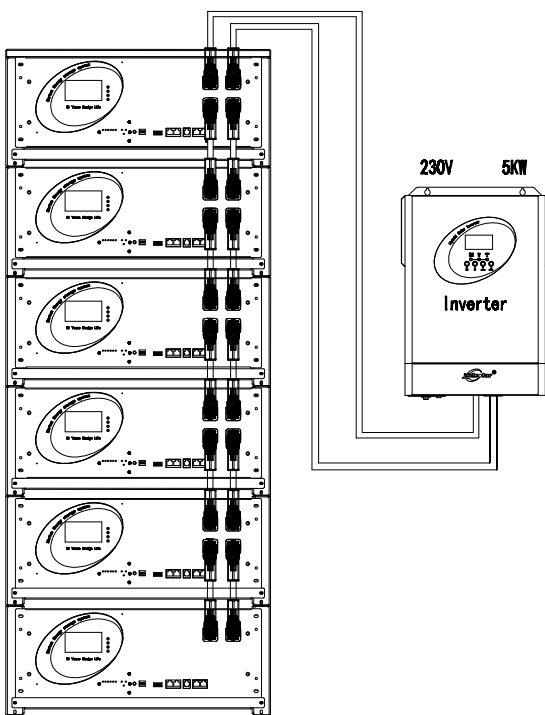
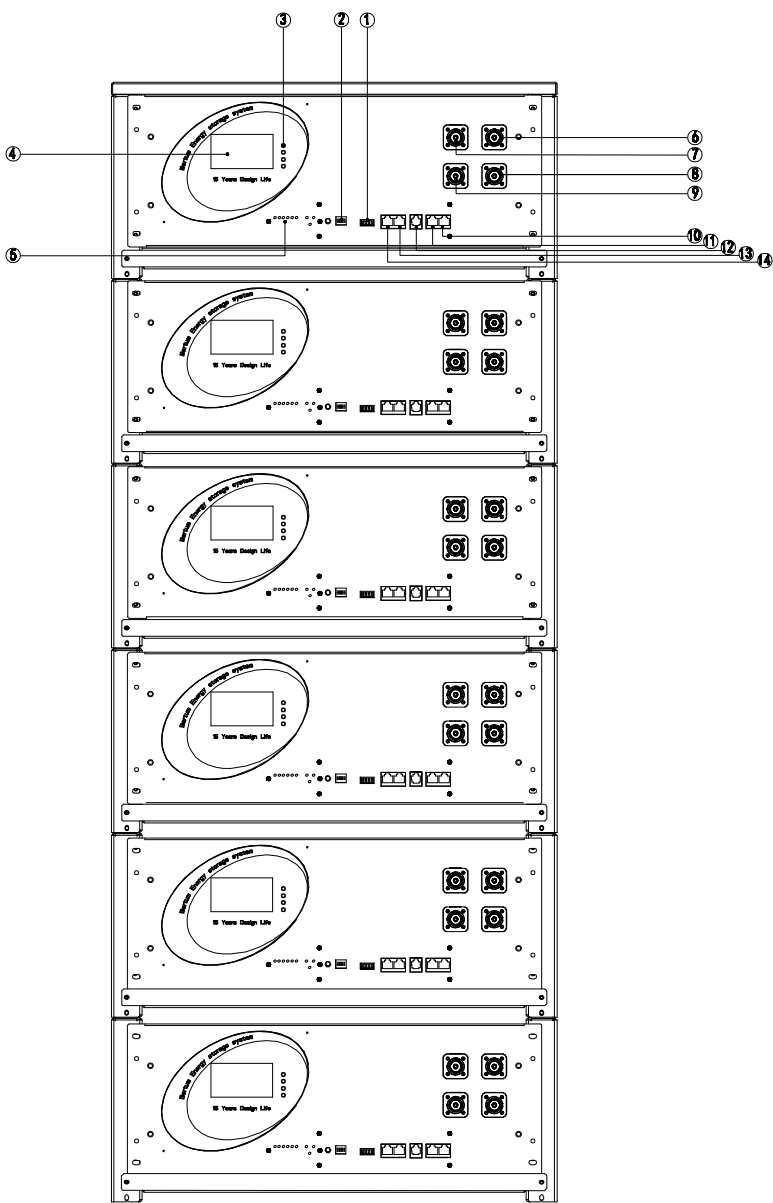## 4.WARNING: Risk of Fire, explosion, or burns:

① DO NOT short the battery terminals.

② DO NOT Incinerate, Crush or Disassemble.

③ DO NOT reverse connections (polarity) from charger or battery.

④ DO NOT operate the battery beyond published voltage and current.

⑤ DO NOT expose to temperature above 140°F

5.Product Description

Product Details

Specification Description

|			
1	Dry Contact	8	Battery negative 2
2	dialer	9	Battery positive 2
3	Press Key	10	RS485 communication port 1
4	LCD	11	RS485 communication port 2
5	indicator light	12	RS232 communication port
6	Battery negative 1	13	CAN communication port
7	Battery positive 1	14	RS485 communication port 3

Button description of display

① After power on / sleep activation, the welcome interface will be displayed . Press the " MENU " key to enter the main menu page

② When the cursor "》 " points to "battery parameter collection",press " ENTER " to enter the "battery parameter collection" page

③ Each item starts with "》 " or "--", where "》 " indicates the current cursor position. Press down to move the cursor position downward; Items ending with "》 " indicate that the item has contents that are not displayed. Press enter to " ENTER " the corresponding page

④ Press " ESC " to return to the previous directory; At any position, press the menu key to return to the main " MENU " page

⑤ In the sleep state, operate any key to activate the display screen

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dialer

When the battery is in the lithium battery communication state, it is necessary to use the dial switch to set the address for distinguishing in parallel. The setting sequence is shown in the following figure, and up to 8 can be set

	1	2	3	4
PO(stand-allone)	OFF	OFF	OFF	OFF
P1	ON	OFF	OFF	OFF
P2	OFF	ON	OFF	OFF
P3	ON	ON	OFF	OFF
P4	OFF	OFF	ON	OFF
P5	ON	OFF	ON	OFF
P6	OFF	ON	ON	OFF
P7	ON	ON	ON	OFF
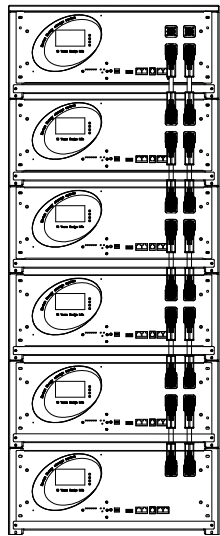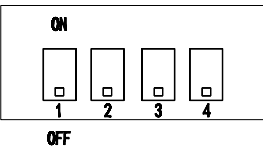
6.Storage Conditions

① When the battery pack to be long-term stored,charge the battery pack arrive to about 60% capacity once 3 months.

② The battery pack and charger should be stored in clean, dry and ventilated place.

③ Avoid contact with corrosive materials and be away from fire and heat.

7. Technical Data

Specification Description

Model Number	J4U48100
Total Energy	5KHH
Normal Voltage	51.2V
Max. Charge/ Discharge Current	100A
Cycle Life	>6000cycle
Communication Interface	CAN/RS232/RS485
Dimension	L483*W465 * H178mm
Weight	42.5kw
IP Grade(optional)	IP21
Inverter	Matches most inverters
Installation	Floor mounted
Supply Ability	5000 Pieces per Month
Certificates	CE.RoHS.UN38.3.MSDS.ISO