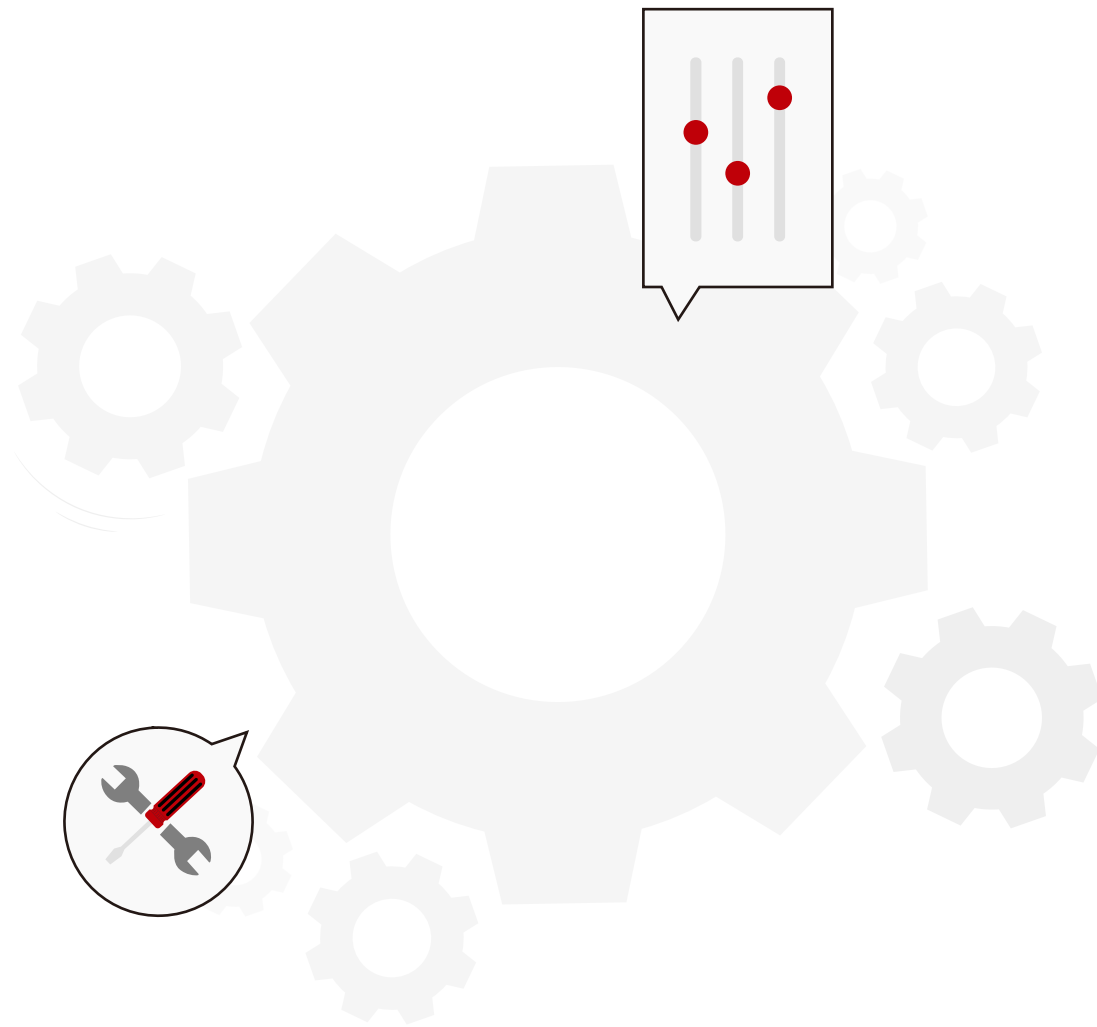




Quick Start Guide

-----EPEVER&M88PW



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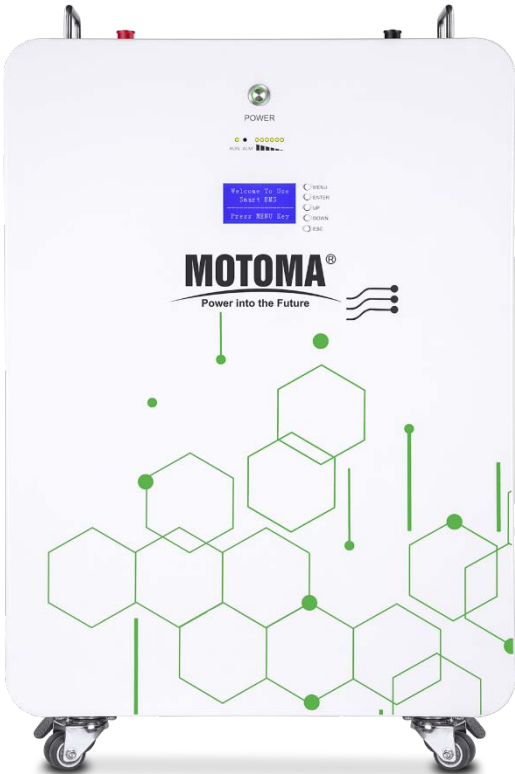
1.1 List

Accessory List		
Item	Description	Model
1	Battery	M88PW
2	Inverter	EPEVER
3	Communication Cable	Custom Communication Cable
4	Positive Cable	Red Cable 35mm ²
5	Negative Cable	Black Cable 35mm ²

1.2 Picture



Inverter



Battery



Commucation Cable



Positive Cable



Negative Cable

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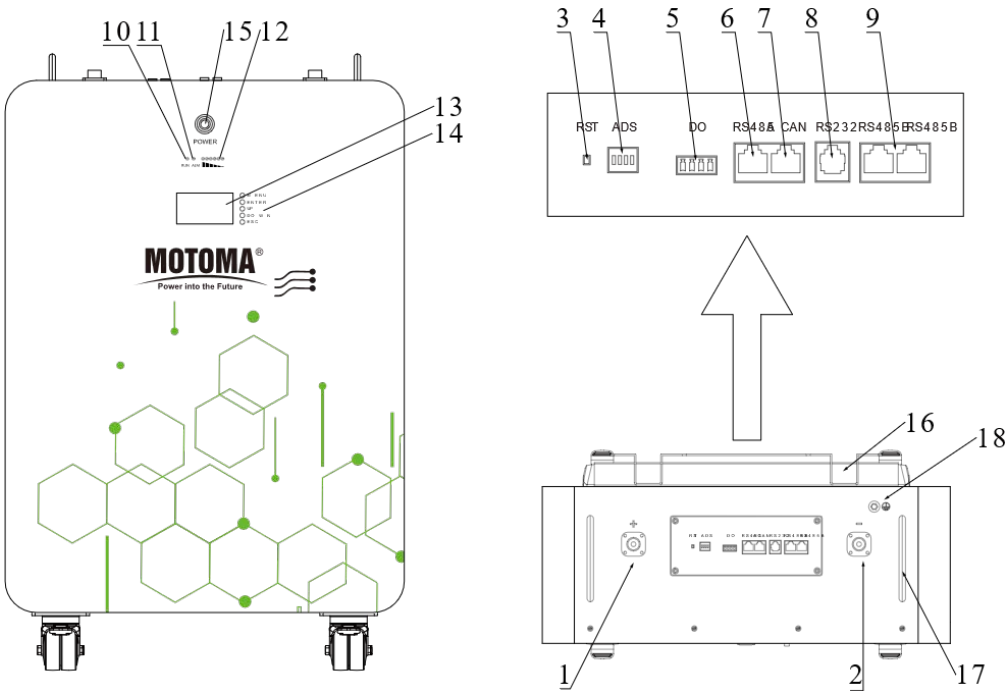
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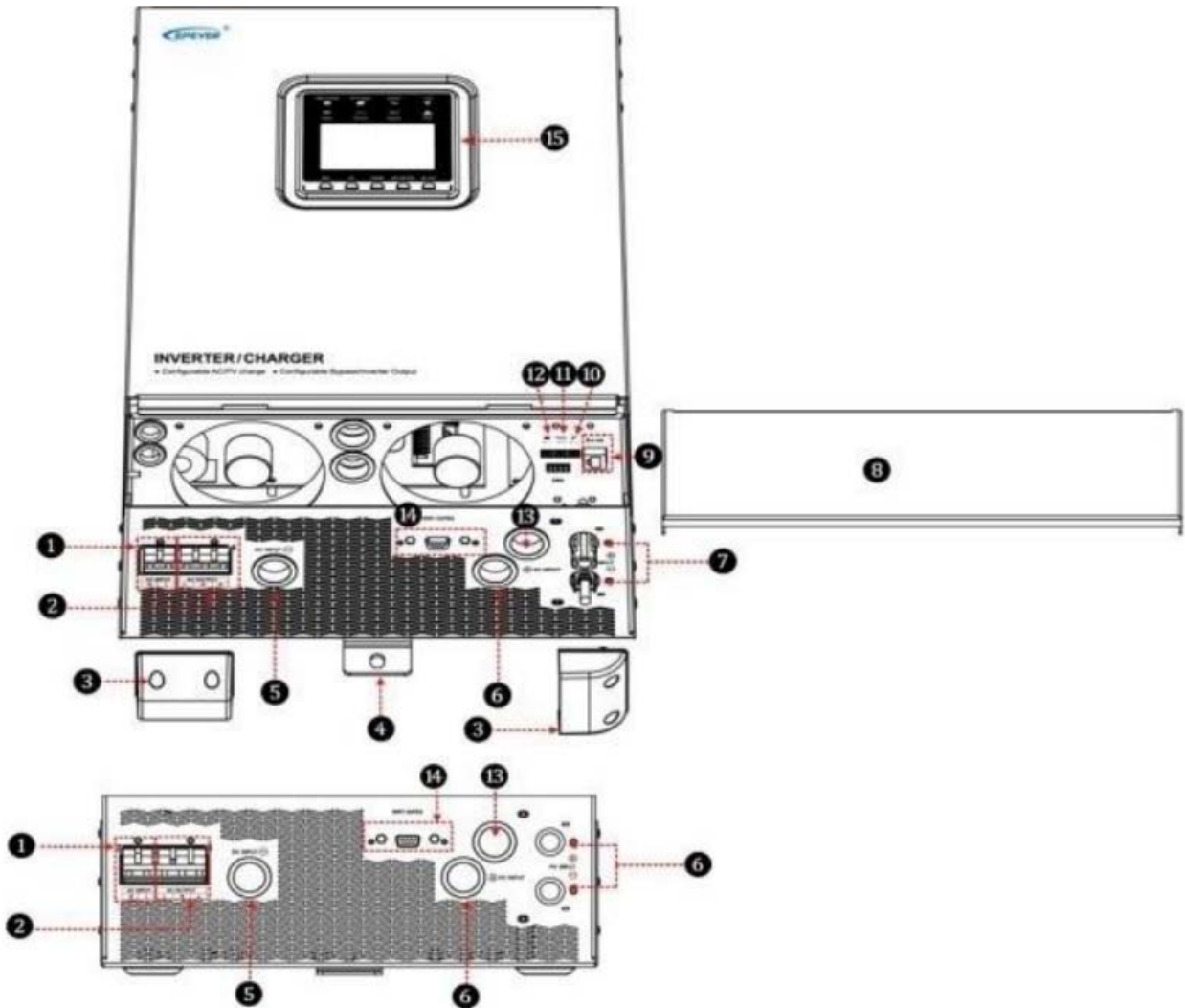
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2.1 Battery Construction



No.	Description	Silk-screen	Remark
1	Battery positive pole	P+	Output terminal
2	Battery negative pole	P-	Output terminal
3	Reset	RST	
4	ADS Coder	ADS	Set Battery address code
5	DRY connect port	DO	
6	485A communication port	RS485A	Connect to inverter
7	CAN communication port	CAN	Connect to inverter
8	RS232 communication port	RS232	Host software
9	RS485B communication port	RS485B	Parallel use
10	Run LED indication	RUN	
11	ALARM LED indication	ALM	
12	Capacity LED indication		
13	LCD		
14	LCD key		
15	Power switch	ON/OFF	
16	Fixed bracket		
17	Handle		
18	GND		

2.2 Inverter Construction



1	Mains supply input terminal	9	BMS-Link Port
2	AC out terminal	10	Remote temperature sensor interface
3	Terminal covering	11	Dry contact
4	Mounting hole*4	12	Battery remote voltage port
5	Negative input terminal	13	Internal cable outlet
6	Positive input terminal	14	RS485 port
7	PV input terminal(MC4)	15	LCD display
8	Equipment connection cover	16	Power on/off switch

2.3 Inverter & BMS Pin Definition

To connect the inverter to BMS, it is necessary to use a custom communication cable. The correct RJ45 defintion for RS485 is provided in the below table

Inverter		Battery	
1pin	/	1pin	/
2pin	/	2pin	/
3pin	RS485B	3pin	/
4pin	/	4pin	/
5pin	RS485A	5pin	/
6pin	/	6pin	/
7pin	/	7pin	RS485A
8pin	/	8pin	RS485B

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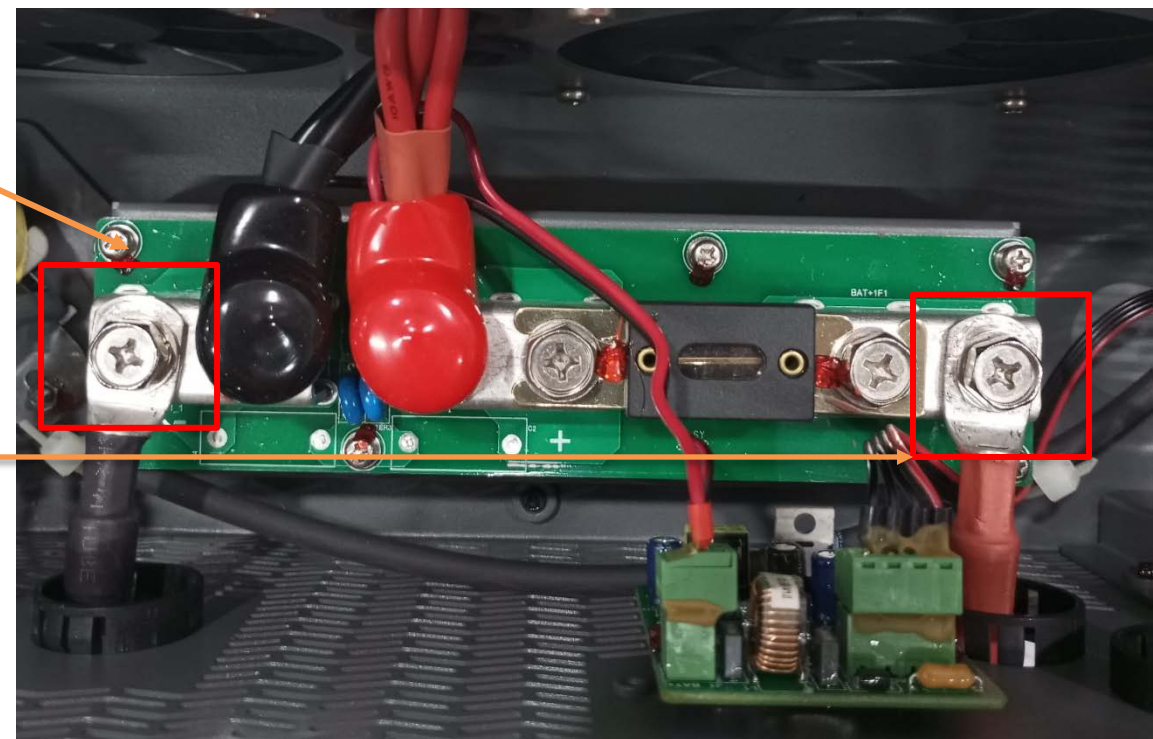
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3.1 Use the positive and negative cables connect to inverter



3.2 Use the positive and negative cable connect to battery



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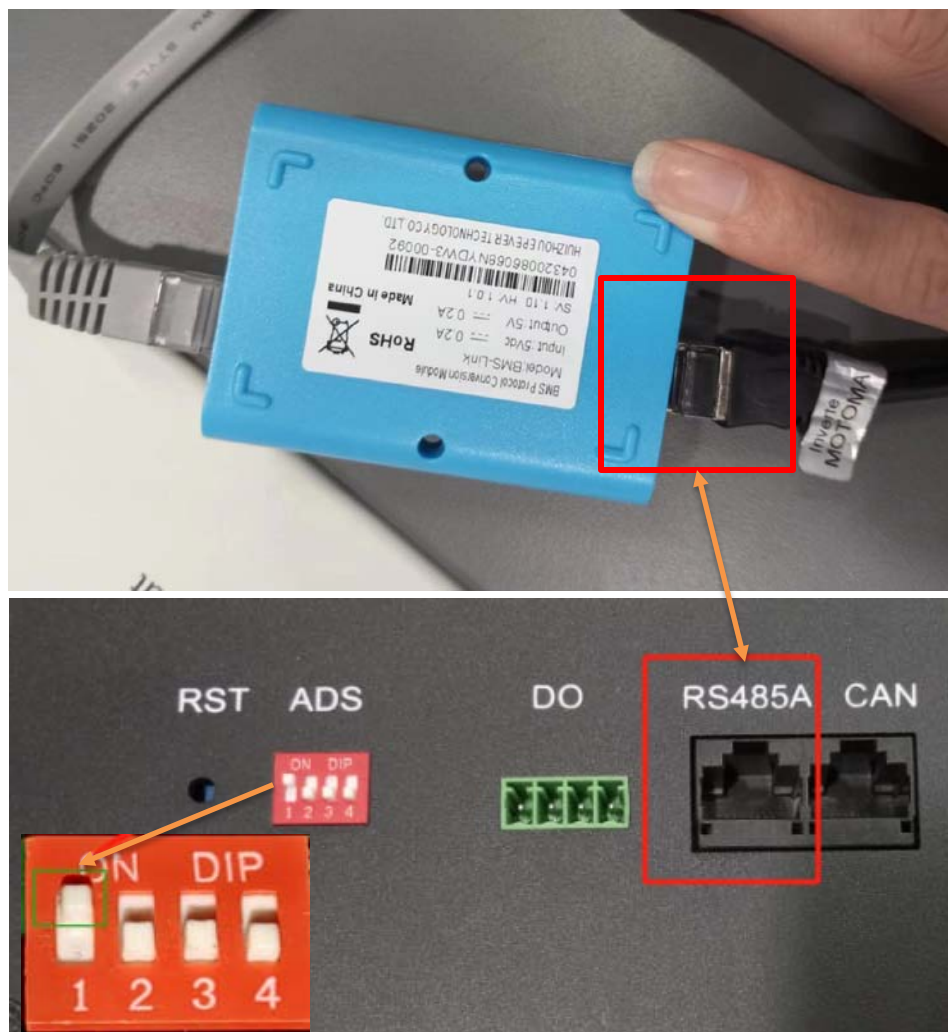
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- 6.1 Check the connection
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4.1 Communication cable connection

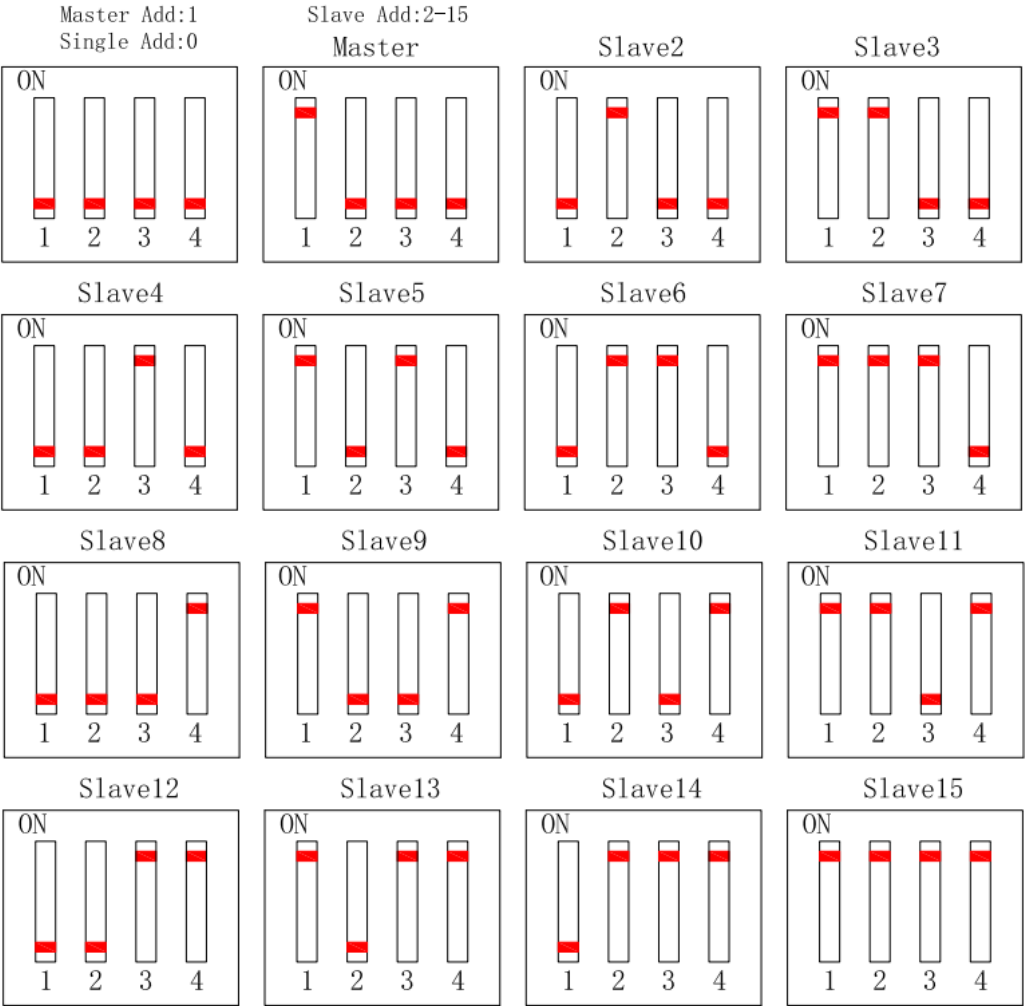
Please use the custom communication cable, connect one end of the custom communication cable to the "BMS" of the inverter; the other end of the cable is connected to the "RS485A" port of the battery, set the ADS to position "1".



Custom Communication Cable

4.2 ADS Dial

If two units are used in parallel, set the master to position 1, and the slaves to position 2 through 15 according to instructions below.



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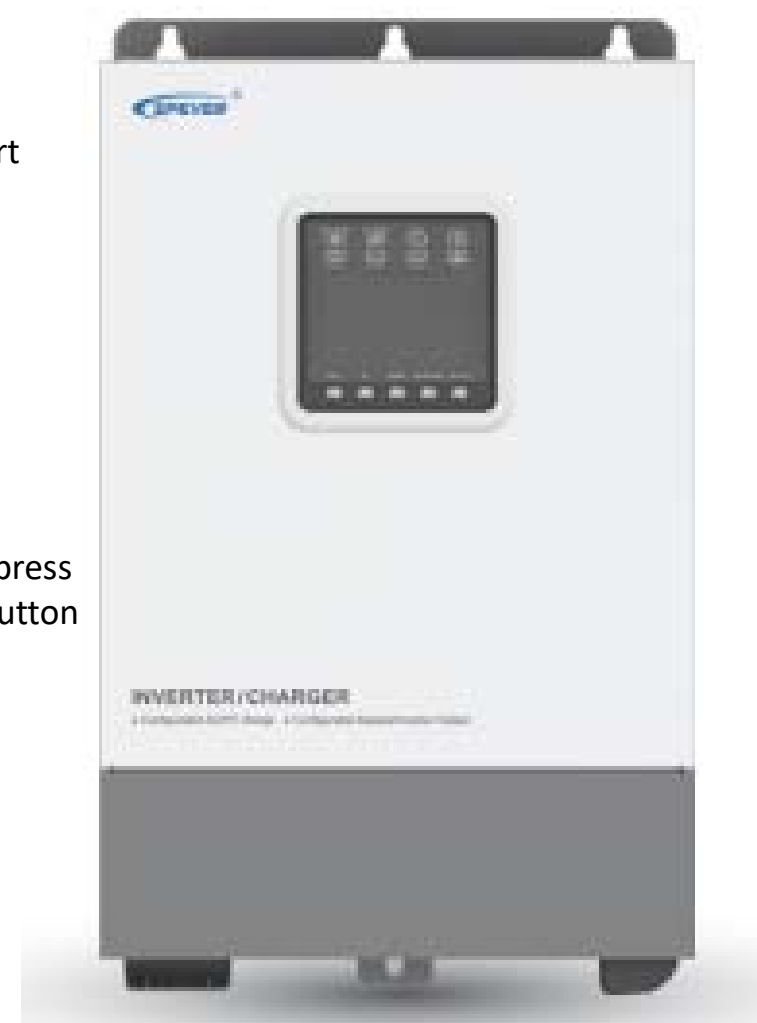
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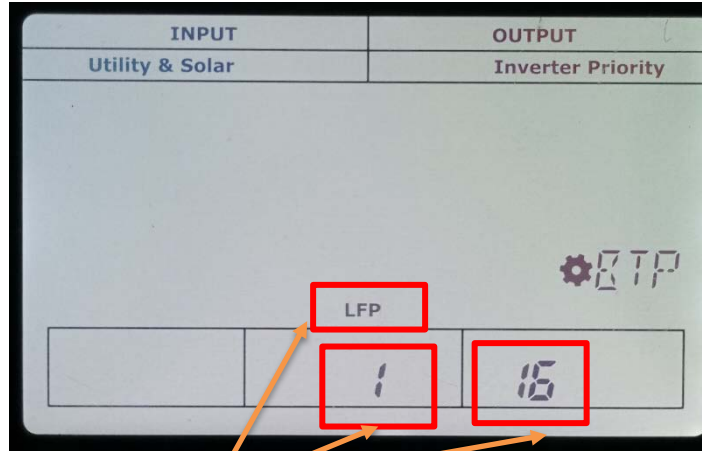
5.1 Button Operation Instruction

5.1.1 Power on and long press SET/ENTER button to enter the common user setting interface, short press UP/DOWN button to modify the parameter, short press SET/ENTER button to confirm. Press ESC button to exit the setting interface.

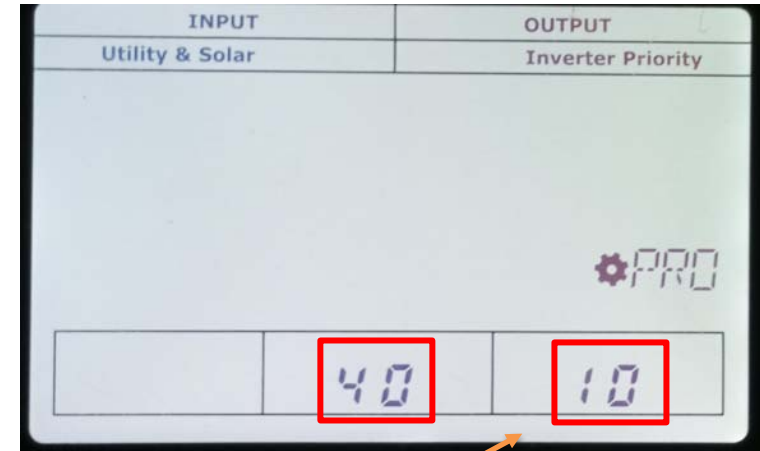
5.1.2 Power on and long press SET/ENTER button to enter the engineering setting interface, short press UP/DOWN button to modify the parameter, short press SET/ENTER button to confirm. Press ESC button to exit the setting interface.



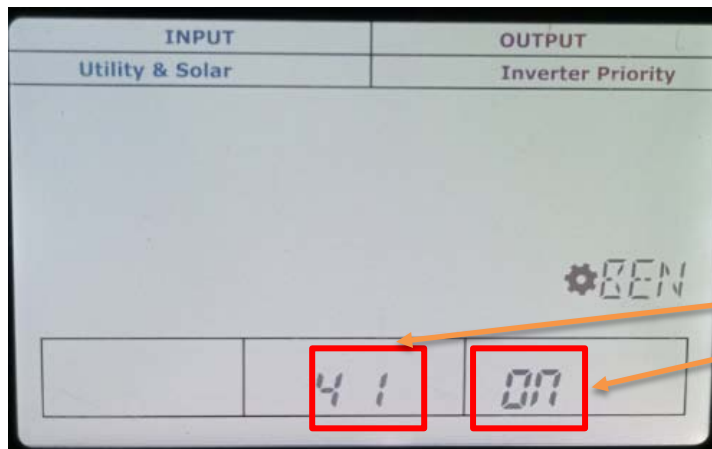
5.2 Communication Parameter Setting



5.2.1 Long press SET/ENTER button, enter the common user setting interface, item "1" set to "LFP 16" battery type



5.2.2 Long press UP+DOWN button, enter the engineering setting interface, item "40" set to "10"



5.2.2 Long press UP+DOWN button, enter the engineering setting interface, item "41" set to "on"

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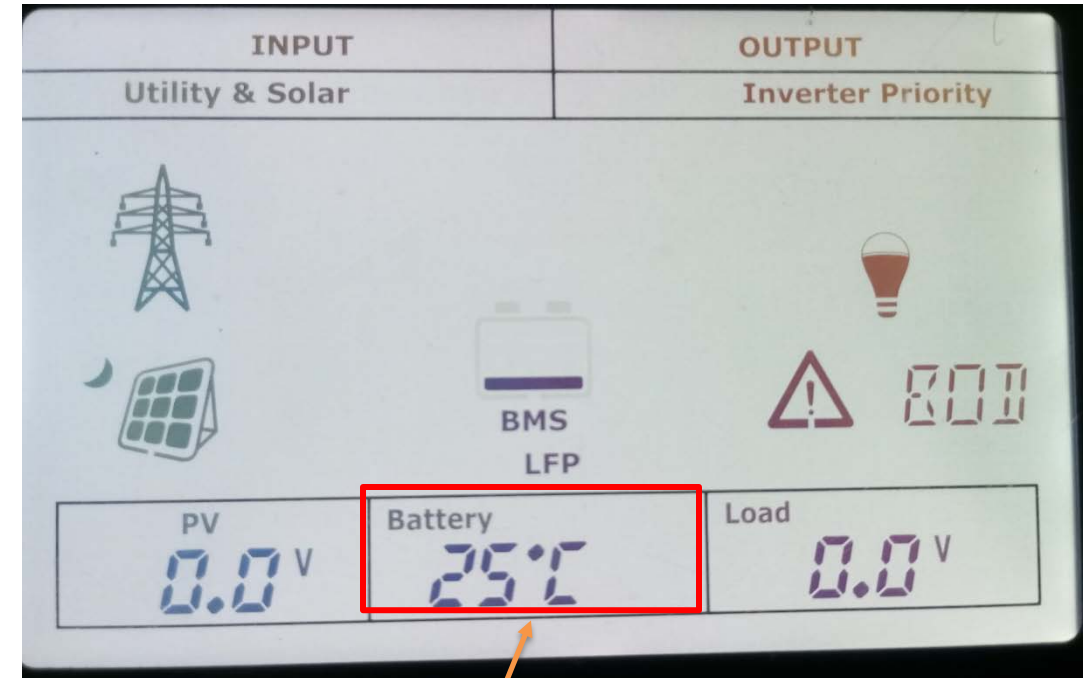
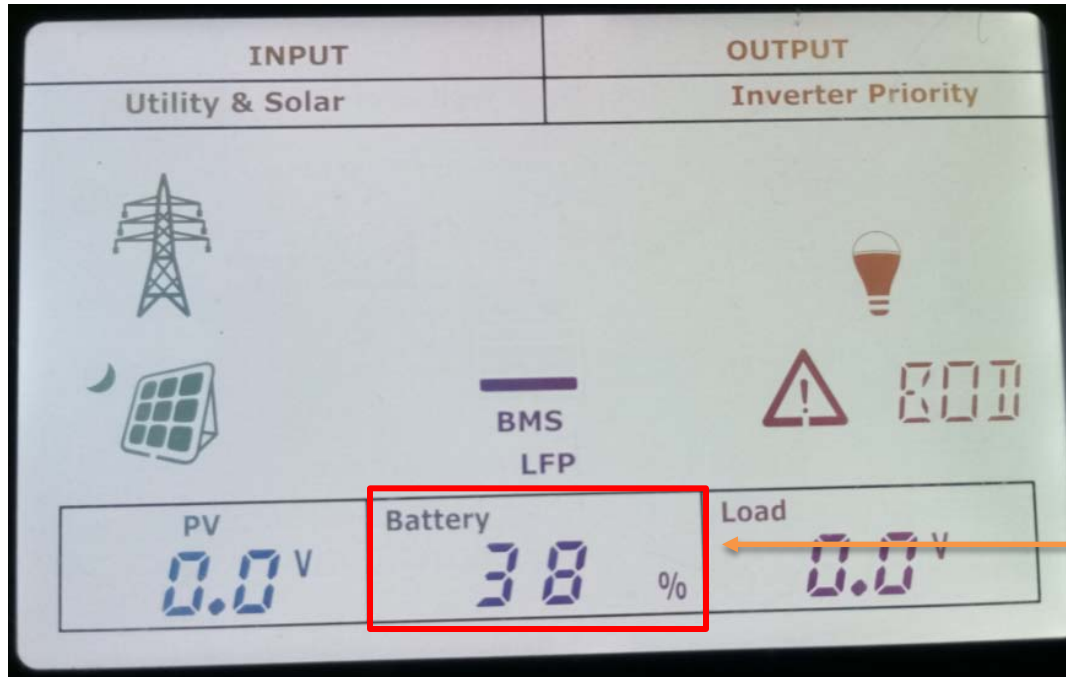
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Commucation Verification

- 6.1 **Check the connection**
- 6.2 **Check the consistency**

6.1 Check the communication

After connecting the inverter to the battery, check the inverter LCD display, no “BME” means communication is successful, otherwise, communication has failed.



6.2 Check the consistency

After ensuring successful communication, check these parameters, SOC, temperature consistent with the battery specification.

PS: The discrepancy is slightly different if there is a difference.



Thank you



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