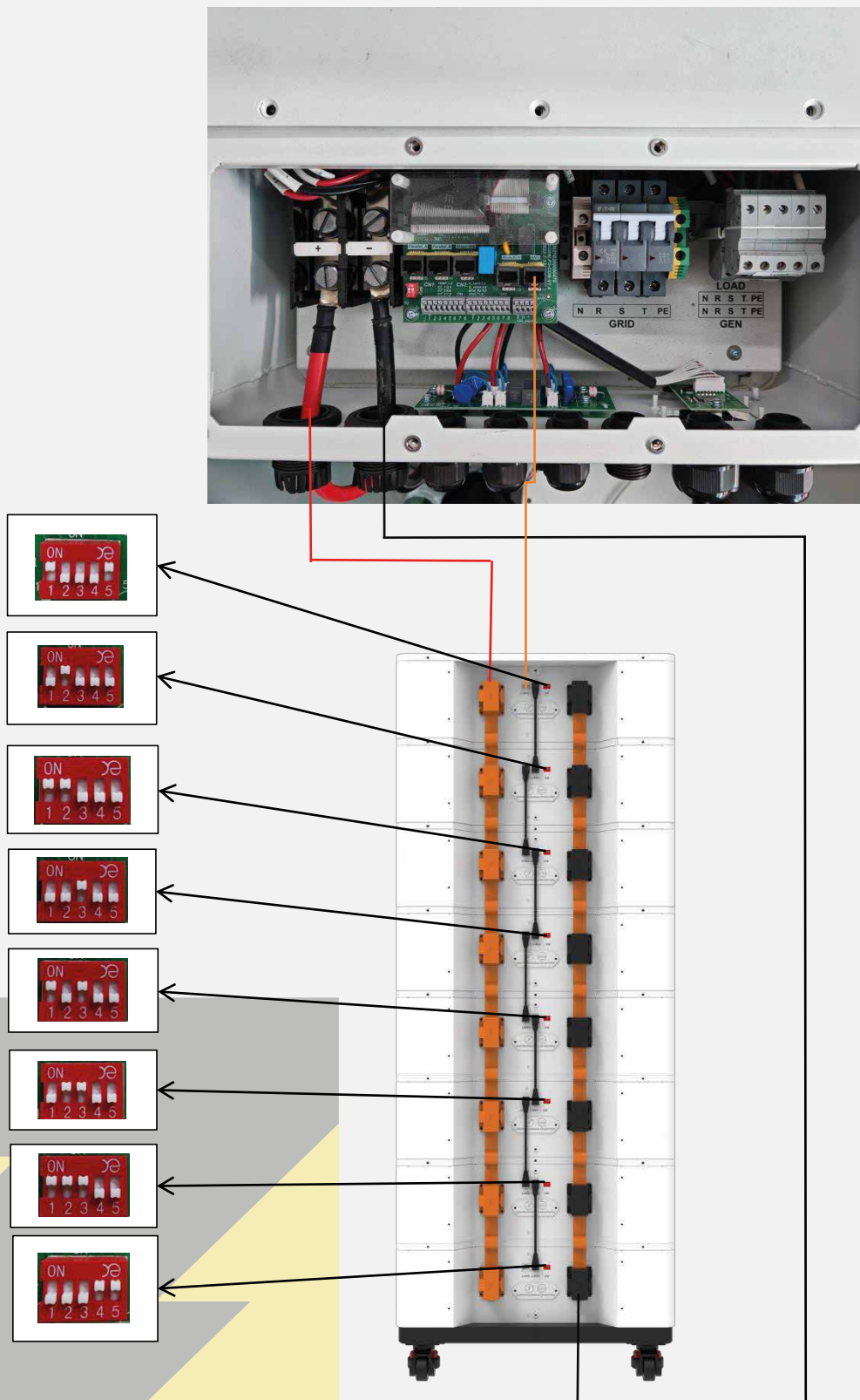


## FLS48100 use CAN protocol to communicate with Deye inverter - instruction

### 1. Description of battery parallel connection.



2. If you have different number of batteries, you can make DIP Switch settings according to the table below.

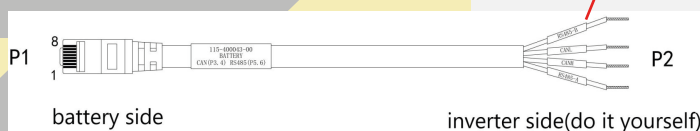
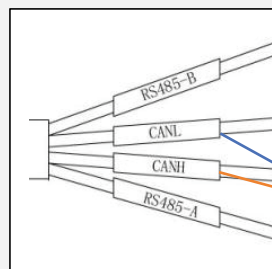
No. of BAT	1	2	3	4	5	6	7	8	9	10	11	12
1 PCS	1,5 ON											
2 PCS	1,5 ON	2,5 ON										
3 PCS	1,5 ON	2 ON	1,2,5 ON									
4 PCS	1,5 ON	2 ON	1,2 ON	3,5 ON								
5 PCS	1,5 ON	2 ON	1,2 ON	3 ON	1,3,5 ON							
6 PCS	1,5 ON	2 ON	1,2 ON	3 ON	1,3 ON	2,3, 5 ON						
7 PCS	1,5 ON	2 ON	1,2 ON	3 ON	1,3 ON	2,3 ON	1,2,3,5 ON					
8 PCS	1,5 ON	2 ON	1,2 ON	3 ON	1,3 ON	2,3 ON	1, 2,3 ON	4,5 ON				
9 PCS	1,5 ON	2 ON	1,2 ON	3 ON	1,3 ON	2,3 ON	1, 2,3 ON	4 ON	1,4,5 ON			
10 PCS	1,5 ON	2 ON	1,2 ON	3 ON	1,3 ON	2,3 ON	1, 2,3 ON	4 ON	1,4 ON	2,4,5 ON		
11 PCS	1,5 ON	2 ON	1,2 ON	3 ON	1,3 ON	2,3 ON	1, 2,3 ON	4 ON	1,4 ON	2,4 ON	1,2,4,5 ON	
12 PCS	1,5 ON	2 ON	1,2 ON	3 ON	1,3 ON	2,3 ON	1, 2,3 ON	4 ON	1,4 ON	2,4 ON	1,2,4 ON	3,4,5 ON

**Note:** The inverter needs to be connected to the first battery, that is, the battery pack with the 1,5 ON.



3. The P1 end of this cable has pressed the RS485 and CAN protocol pins of battery, the other end you need use an RJ45 connector to make according to the inverter's pin definitions.

Picture	PIN	Description
<p>battery pinout definition</p>	1	Trigger-GND
	2	Trigger-VCC
	3	CANL-PCS
	4	CANH-PCS
	5	RS485-B
	6	RS485-A
	7	CANL
	8	CANH



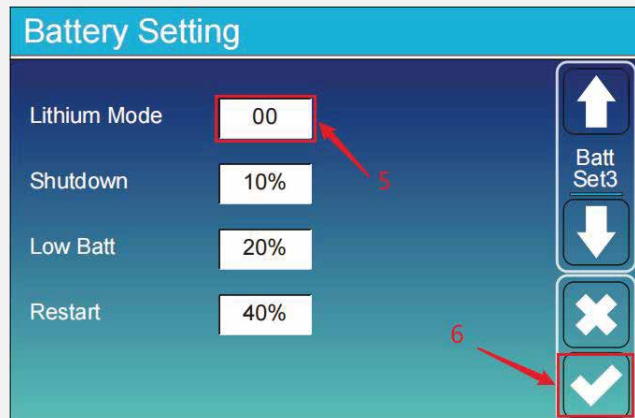
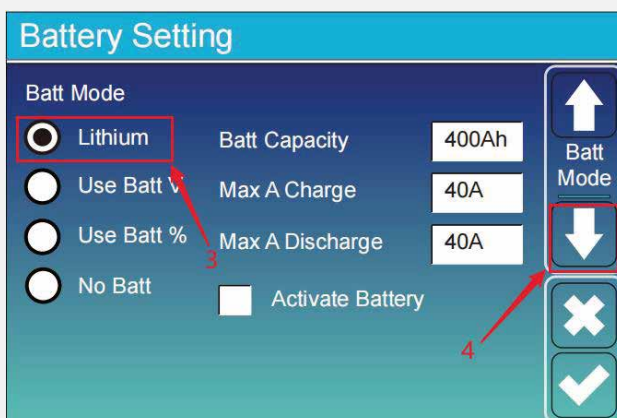
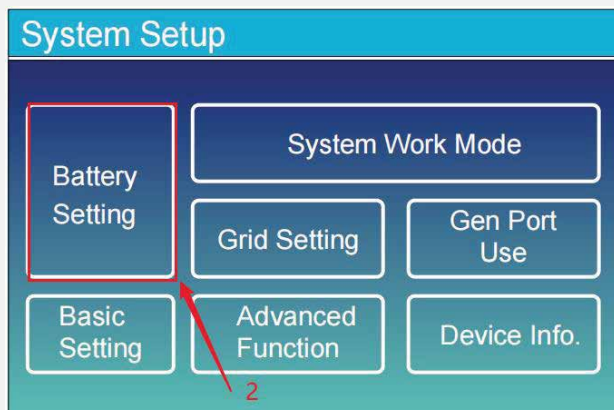
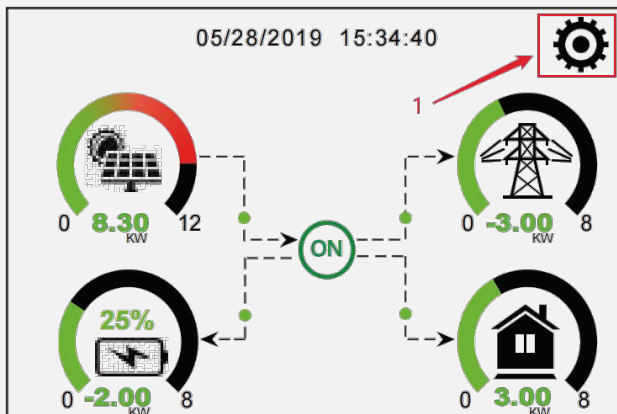
(communication cable P2 terminal)

inverter pinout definition

No.	RS485 Pin
1	485_B
2	485_A
3	--
4	CAN-H
5	CAN-L
6	GND_485
7	485_A
8	485_B

(Deye inverter pinout definition)

4. Follow the instructions below to set up the inverter.



5. Follow the instructions below to view the battery information.

