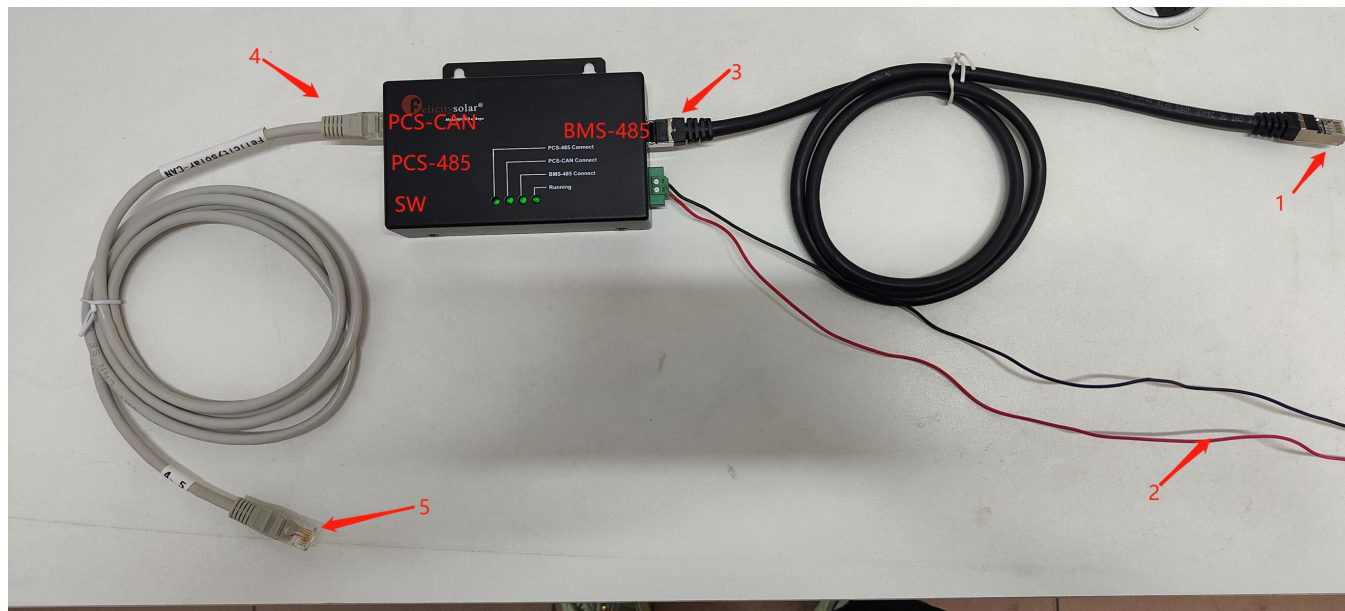


Com-Box user guide

通讯盒使用说明

Introduction to connecting cables 通讯盒的连接介绍



- 1.Pin5-6 connect to the battery communication port (Pin5-6连接电池通讯口)
- 2.Power supply port(15v to 60v),or connect to the battery terminal(电源线, 15-60V电源, 或连接电池正负极)
- 3.Pin5-6 connect to the Com-Box BMS-485 port (Pin5-6连接通讯盒的BMS-485通讯口)
- 4.Pin7-8 connect to the Com-Box PCS-CAN port (Pin7-8连接通讯盒的PCS-CAN通讯口)
- 5.Connect to the inverter CAN port (CANL-CANH) (连接逆变器或者其他品牌通讯盒的CAN通讯口)

Introduction and setup of Com-Box (通讯盒的介绍和设置)

Communication port (通讯端口)

BMS-485

PIN	Function Definitions	Function Declaration
1	GND	Power/signal ground
2	CN	
3	CN	
4	CN	
5	BMS-485B	Communication with BMS
6	BMS-485A	Communication with BMS
7	CN	
8	CN	

PCS-CAN

PIN	Function Definitions	Function Declaration
1	GND	Power/signal ground
2	CN	
3	CN	
4	CN	
5	CN	
6	CN	
7	CANL	Communication with PCS
8	CANH	Communication with PCS

PCS-485

PIN	Function Definitions	Function Declaration
1	GND	Power/signal ground
2	CN	
3	CN	
4	CN	
5	BMS-485B	Communication with BMS
6	BMS-485A	Communication with BMS
7	CN	
8	CN	

Com-Box Dip switch SW1-SW5 description (通讯盒拨码开关设置)

DIP switch SW1-SW4 Description						
PIN	SW1	SW2	SW3	SW4	SW5	Remarks
0	OFF	OFF	OFF	OFF	OFF	FLS
1	ON	OFF	OFF	OFF	OFF	PYLON



Battery Dip switch setup (电池包拨码开关设置)

Parallel DIP Switch

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.

Cox-Box communication object: Inverter with Pylon protocol

(与felicity通讯盒的要求：具有Pylon协议的逆变器)

Notice: In communication, the inverter choose Pylon protocol, otherwise the communication is not successful.

If that doesn't work, please contact with felicity's after sale.

(注意：在通讯时，逆变器需要选择Pylon协议，否则通讯不成功。如果通讯不成功，请联系售后。)