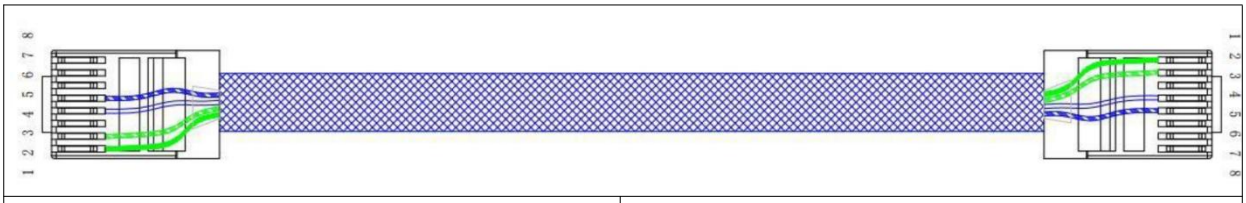
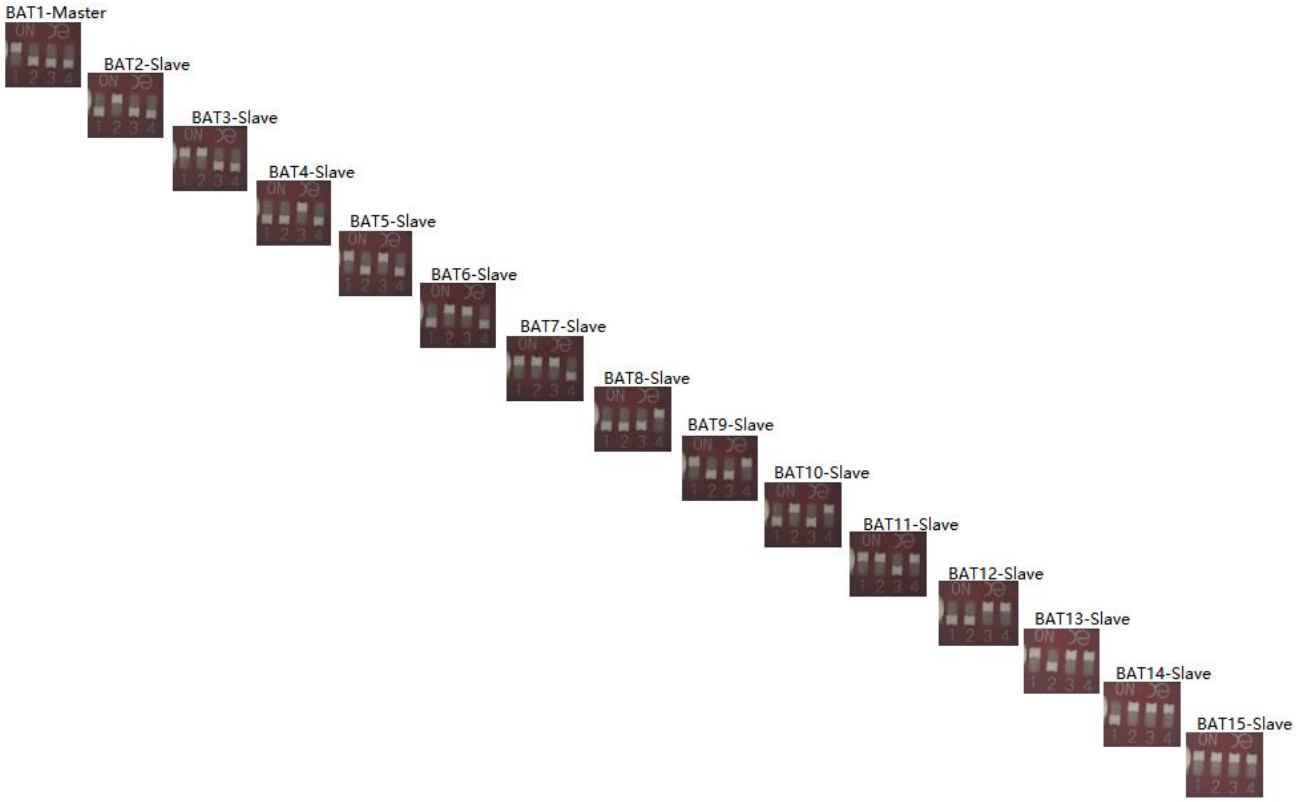
EITAI Battery connects with Solis inverter

1. Definition of battery and inverter communication pins:



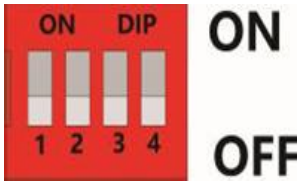
Battery		Inverter	
Pin1	RS485B	Pin1	RS485B
Pin2	RS485A	Pin2	RS485A
Pin3	NC	Pin3	NC
Pin4	CANH	Pin4	CANH
Pin5	CANL	Pin5	CANL
Pin6	NC	Pin6	NC
Pin7	RS485A	Pin7	RS485A
Pin8	RS485B	Pin8	RS485B

2. Battery ADS dial setting:



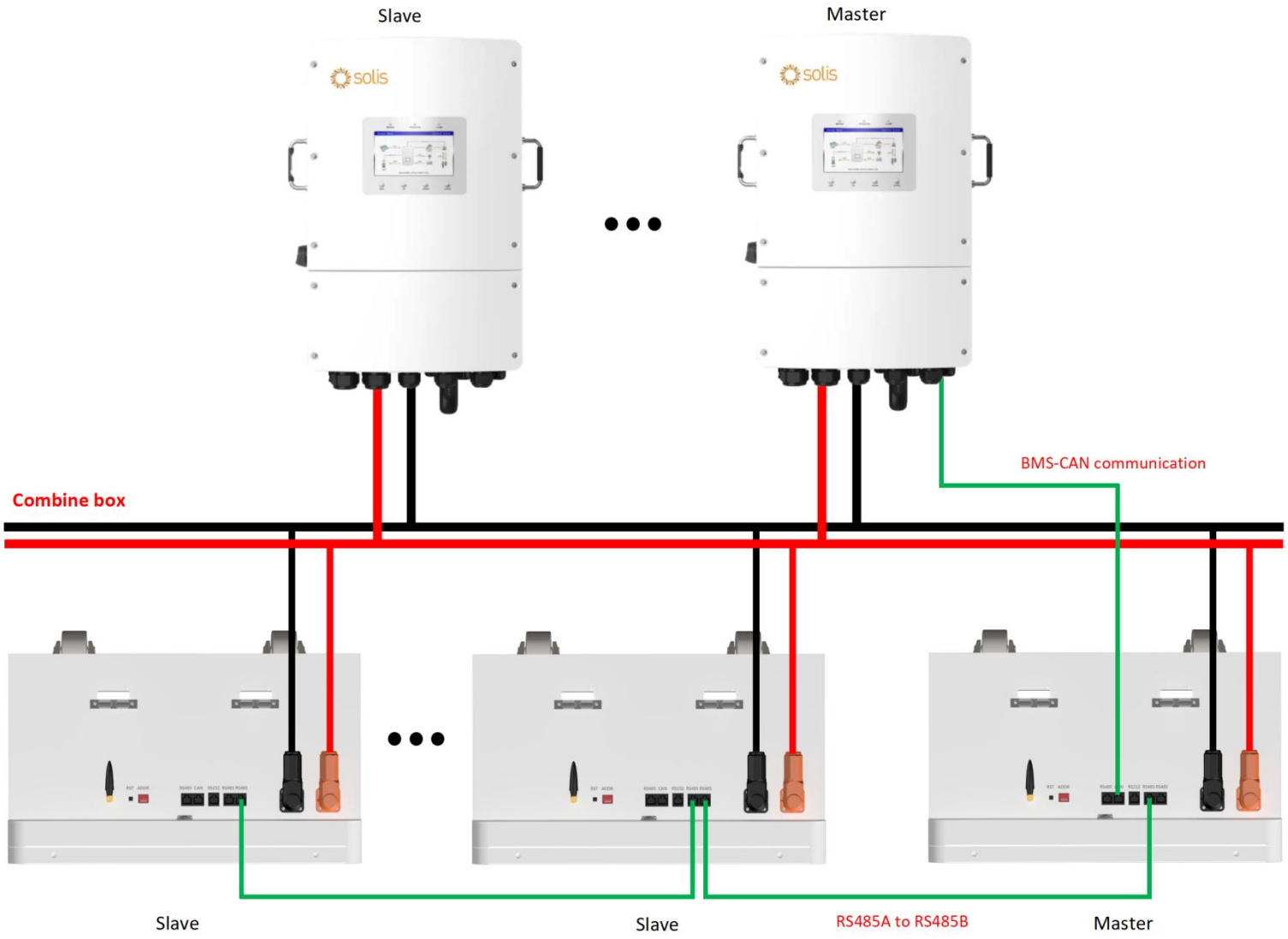
The dial-up address table is as follows：

Dial-up code location				Add	Dial-up code location				Add	Dial-up code location				Add	Dial-up code location				Add
#1	#2	#3	#4		#1	#2	#3	#4		#1	#2	#3	#4		#1	#2	#3	#4	
0	0	0	0	X	0	0	1	0	4	0	0	0	1	8	0	0	1	1	12
1	0	0	0	1	1	0	1	0	5	1	0	0	1	9	1	0	1	1	13
0	1	0	0	2	0	1	1	0	6	0	1	0	1	10	0	1	1	1	14
1	1	0	0	3	1	1	1	0	7	1	1	0	1	11	1	1	1	1	15



Schematic diagram of the dial-up switch

The DIP switch is used to set the BMS address of each battery. The code value of the switch to the ON position is 1, the code value of the switch to the 1234 position is 0, the host battery address is 1, and the slave battery address is 2 to 15. (The host is connected to the inverter, and the slave machines are arranged in numerical order according to the address)



3. Connecting inverter(BMS port) to battery (CAN port);

4. Inverter communication setting:

4.1 Press“Down” button, then press “ENTER”into the “SYSTEM SETTING” interface.



4.2 Choose “BATTERY SETTING”.



4.3 Set up lithium battery and PYLON protocol, after saving the communication to be done.

