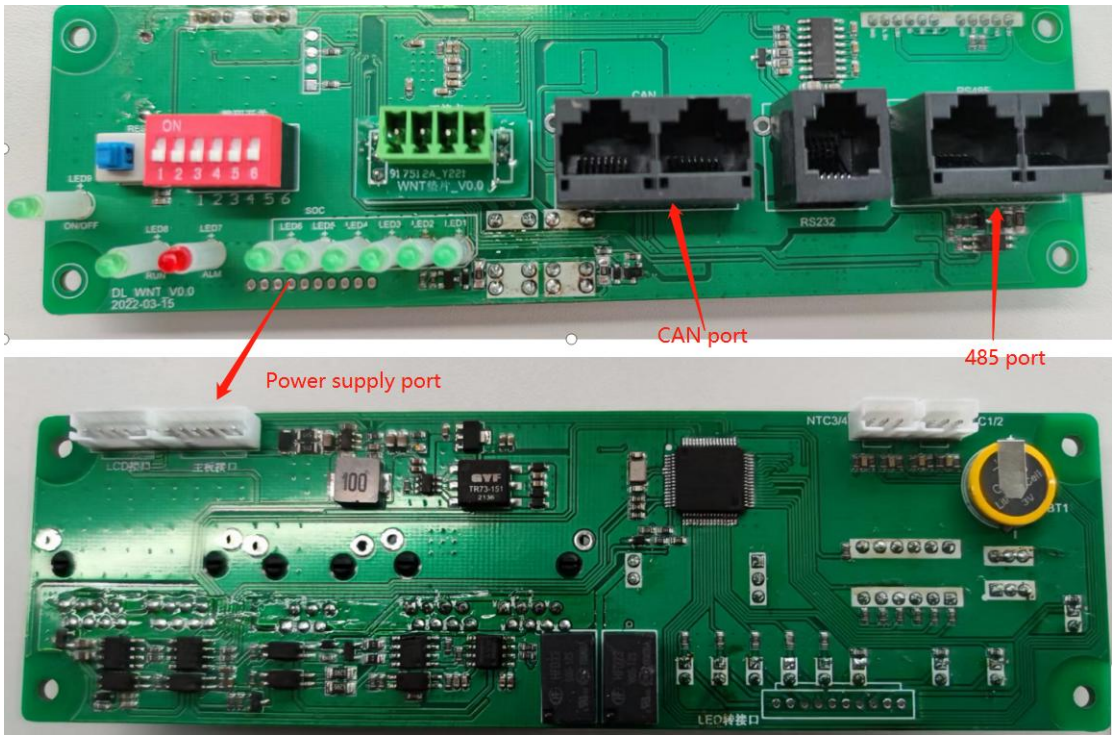
Operation steps of BMS Communicated with Inverter

Whole set of Interface board+BMS+Parallel module+LCD for ESS

Here we talk about Inverter and interface board only.



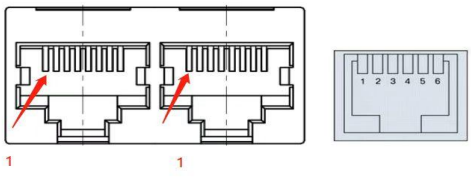
Before doing all the below mentioned three steps, you need to give power supply firstly for interface board by BMS'8 pin port which marked with LED board.

1.Make sure the right cable connecting diagram between interface board and Inverter

Our default 485 pin of interface board is

RS485--use 8P8C vertical RJ45 socket		RS485--use 8P8C vertical RJ45 socket	
RJ45 Pin	Definition Description	RJ45 Pin	Definition Description
1、8	RS485-B	9、16	RS485-B
2、7	RS485-A	10、15	RS485-A
3、6	GND	11、14	GND
4、5	NC	12、13	NC

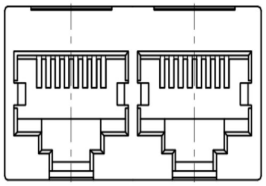
485 communication port



Our default CAN pin defination of interface board is:

CAN--use 8P8C vertical RJ45 socket		CAN--use 8P8C vertical RJ45 socket	
RJ45:Pin	Definition Description	RJ45 pin	Definition Description
1、8	NC	9	CANH
2、7	NC	10	CANL
3、6	GND	11、14	GND
4	CANL	12	CANL
5	CANH	13	CANH
		15、16	NC

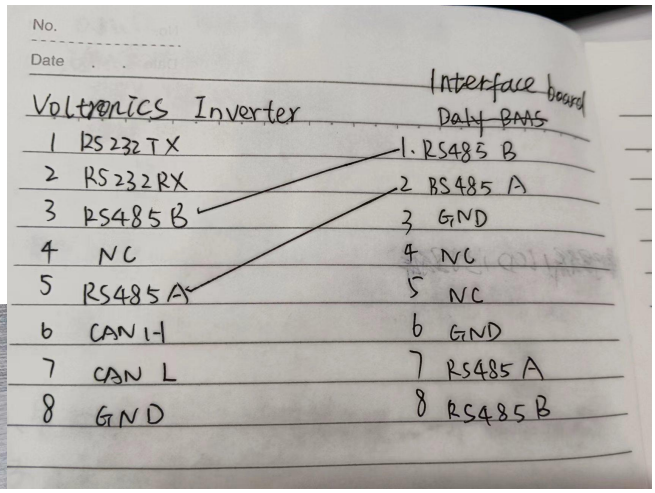
CAN communication port



CAN communication port

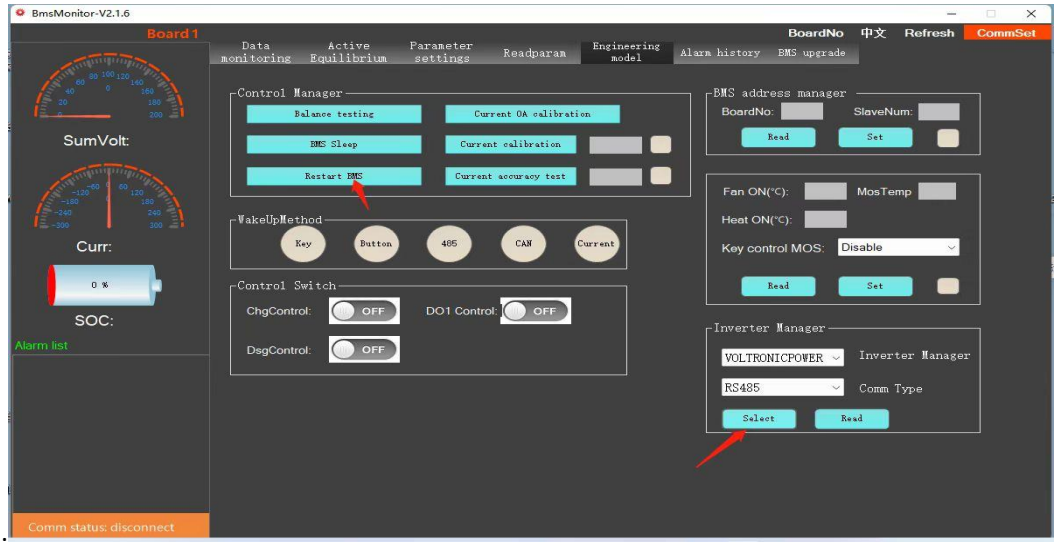
contact

E.G. Voltronics inverter with 485 communication is A=pin5, B= pin3, ours is 1 and 2, 1 connect with pin3, 2 connect with pin5. Please ignore the GND wire, it do not need to be connected in principle.



The above 485 B connect with the 3rd pin of internet cable on right and 485A connect with 5th pin of it as the picture shown on most right one.

2.Choose the inverter brand of Votronicspower 485 or CAN through our PC software and reset the BMS as below shown:



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3.Set the inverter according to their specification sheet, If you do not know how to set, you can forward the specification sheet to your professional inverter supplier or BMS supplier for help.