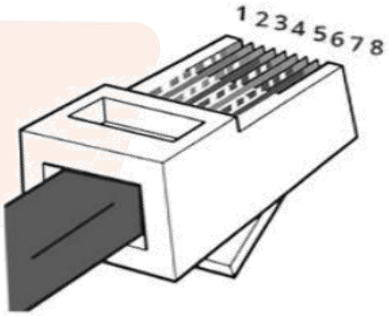
Communication Guide for Felicity Battery and Solis Inverter

CAN Matched Hybrid Inverter Brands			
Brand	Model	Communication protocol	Cable Supply
Solis	S6-EH1P(3-6)K-L-EU S6-EH1P8K-L-PRO	CAN	RJ45

(1) The corresponding communication pins are defined in the following table. You can make communication cables according to this table.

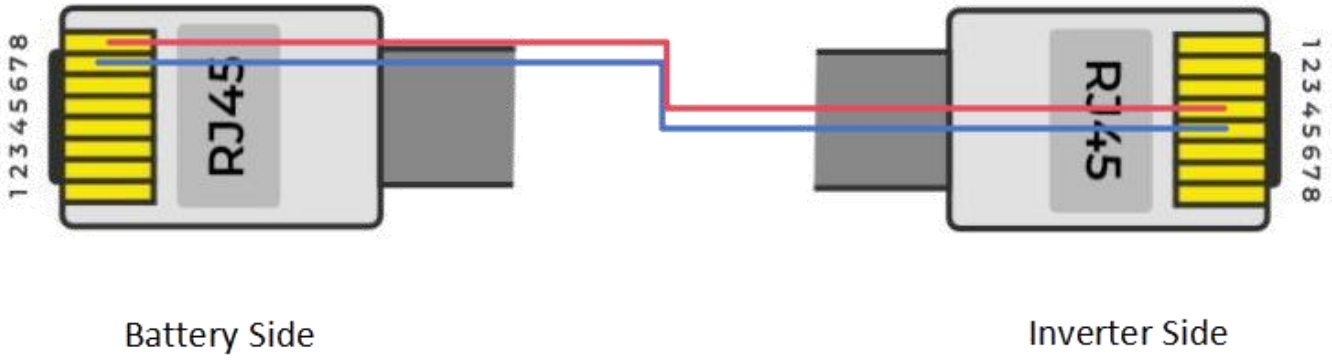
Model	Felicity EC and LPBA48100-OL (LUX-E-48100LG04)	FelicityESS other low voltage model batteries	Solis
CAN_L	Pin7	Pin3	Pin5
CAN_H	Pin8	Pin4	Pin4

(Order of Communication Cable)



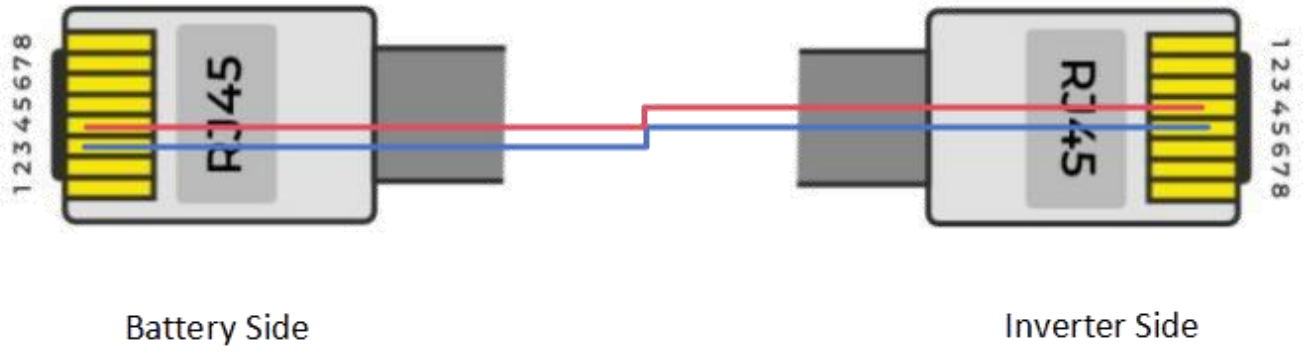
(RJ45 Pin Sequence)

Felicity EC and LPBA48100-OL (LUX-E-48100LG04)



(CAN Communicate Cable Connection)

FelicityESS other model batteries

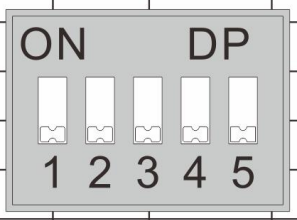


(CAN Communicate Cable Connection)

(2) Set the battery DIP switch according to the table below.

Parallel DIP Switch

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



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

Note: The setting takes effect only after the battery is restarted

(3) After successful communication, you can see the battery information on the remote monitoring APP.