

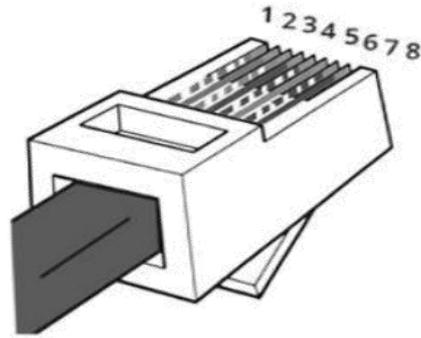
Communication Guide for Felicity Battery and Luxpower Inverter

CAN Matched Hybrid Inverter Brands			
Brand	Model	Communication protocol	Cable Supply
Luxpower	LXP 3.6K/4.6K/5K Hybrid	CAN	RJ45
	LXP 3600 ACS series		
	LXP-LB-EU 6-8K		
	LXP-LB-EU 8-10K		
	LXP-LB-EU 12K		

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

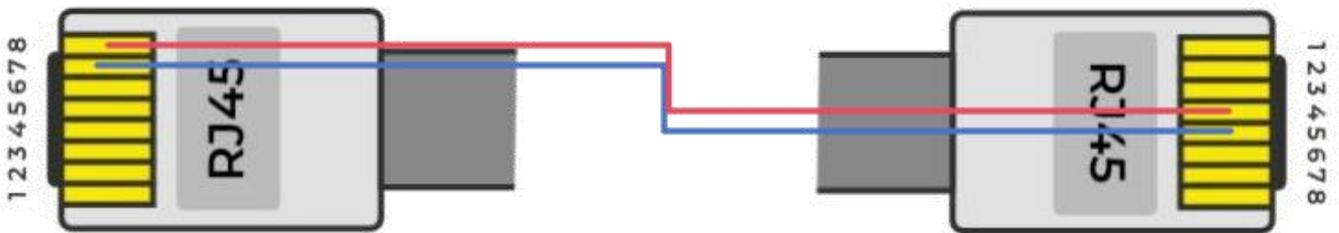
Model	Felicity EC and LPBA48100-OL (LUX-E-48100LG04)	FelicityESS other low voltage model batteries	Luxpower
CAN_L	Pin7	Pin3	Pin5
CAN_H	Pin8	Pin4	Pin4

(Order of Communication Cable)



(RJ45 Pin Sequence)

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



Battery Side

Inverter Side

(CAN Communicate Cable Connection)

FelicityESS other model batteries



Battery Side

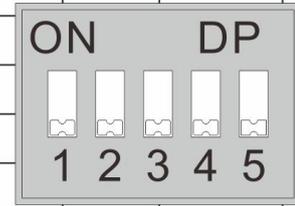
Inverter Side

(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 display screen.

