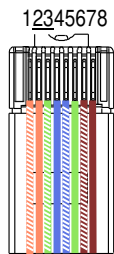


# LUX POWER BMS communication with Dyness

- 1) LUX Power inverter CANbus pin out ( Pin3 – CanL ) ( pin4 – CanH )
  - a) Dyness lithium ion B3 CANbus pin-out ( Pin4- CanH ) ( Pin5 – CanL )
  - b) **Setting 3** on inverter must on **lithium ion ( mode 8)** for **Dyness B3** battery

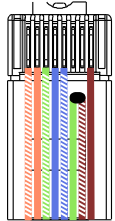
## BATTERY-Dyness Pin out



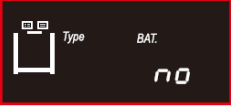
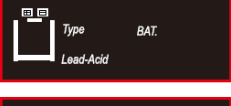

Battery ( RJ45 IN )			
PIN	Color	Definition	
1	Orange/white	485_A	
2	Orange	XGND	
3	Green/white	485_B	
4	Blue	CANH	
5	Blue/white	CANL	
6	Green	X+5V	
7	Brown/white	XIN	
8	Brown	NC	

12345678

## LUX POWER inverter pin out



Inverter			
PIN	Color	Definition	
1			
2			
3	Blue/white	CANL	
4	Blue	CANH	
5			
6	/		
7	/		
8			

3	Battery	<p>Run with No Battery:  Step1:Choose battery type first, when no flashing, select Enter to choose Run with No battery</p>	
		<p>For Lead Acid:  Step1:Choose battery type first, when Lead-Acid flashing, select Enter to choose Lead-acid battery  Step2:Then choose battery capacity</p>	 
		<p>For Lithium battery  Step1:Choose battery type first, when Li-ion flashing, select Enter to choose Li-ion battery  Step2:Choose battery brand  0-&gt; Standard Battery                      2-&gt;Pylon Battery  6-&gt;Luxpower protocol Battery      8-&gt;Dyness Battery</p>	