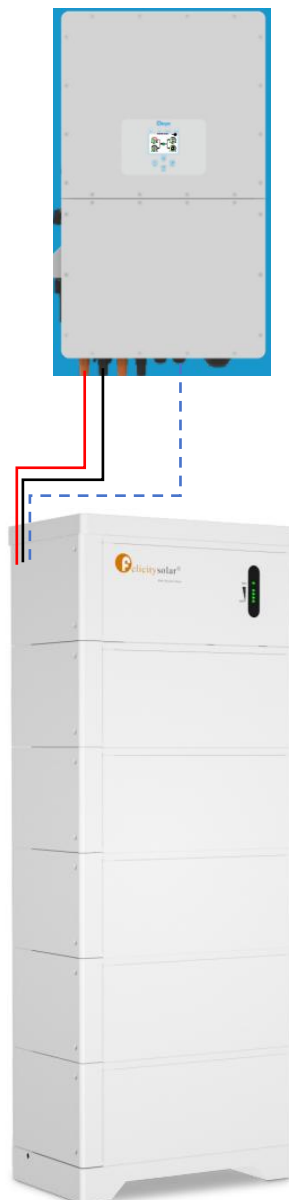


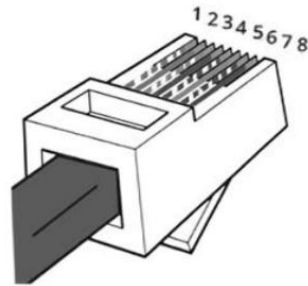
## Felicitysolar LPBA48050-OH battery communicate with Deye high voltage inverter instruction

Battery model	LPBA48050-OH
Inverter model	SUN-50K-SG01HP3-EU-BM4
Communication protocol	CAN

(1) Use two power cable to connect battery PCS port and inverter battery input port.(Pay attention to the positive and negative terminals do not connect the opposite.)



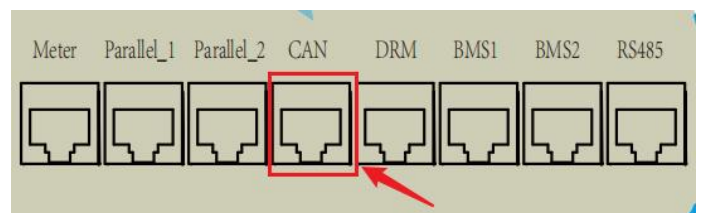
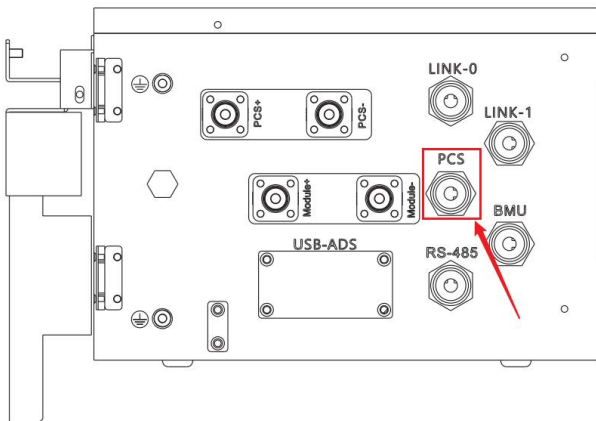
(2) Follow the instructions below to make a communication cable.



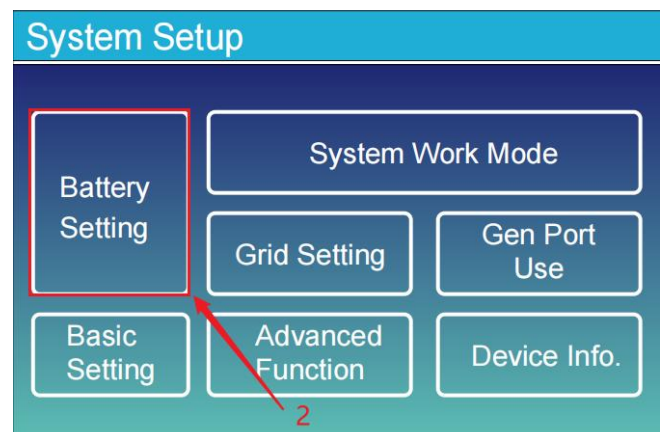
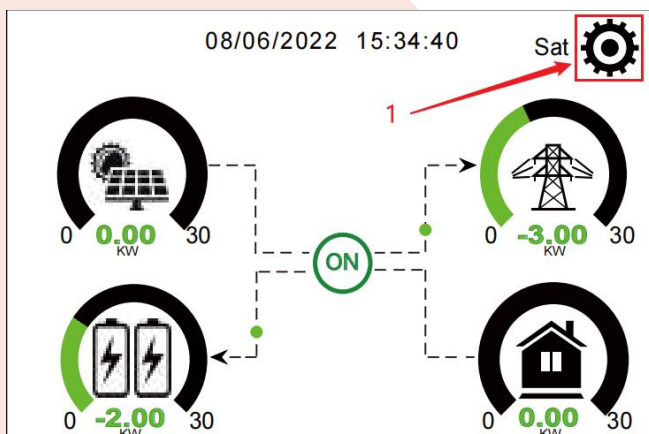
Pin Definitions	Battery	Inverter
CANL	Pin7	Pin5
CANH	Pin8	Pin4

**Note: (battery side pin8 ---> inverter side pin4, battery side pin7 ---> inverter side pin5)**

(3) Use this communication cable to connect battery PCS port and inverter CAN port.



(4) Follow the instructions below to set up your inverter.



**Battery Setting**

Batt Mode

- Lithium
- Use Batt V
- No Batt

Batt Capacity: 0Ah

Max A Charge: 0A

Max A Discharge: 0A

Parallel bat1&bat2

**Battery Setting**

Lithium Mode: 00

Shutdown: 10%

Low Batt: 20%

Restart: 40%

(5) Use the following instructions to view battery information.

08/06/2022 15:34:40 Sat

0 0.00 30 kW

0 -3.00 30 kW

0 -2.00 30 kW

0 0.00 30 kW

ON

**Batt**

Stand-by

SOC: 36%

U:50.50V

I:-58.02A

Power: -2930W

Temp:30.0C

Li-BMS

**Li-BMS**

Mean Voltage:170.0V    Charging Voltage :180.0V

Total Current:37.00A    Discharging Voltage :160.0V

Mean Temp :23.5C    Charging current :30A

Total SOC :38%    Discharging current :25A

Dump Energy:57Ah

Sum Data

Details Data