

Communication Guide for Felicity Battery and Deye Inverter

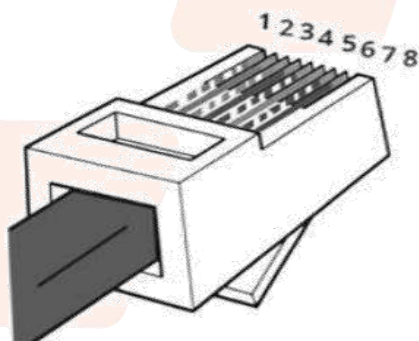
CAN/RS485 Matched Hybrid Inverter Brands

Brand	Model	Communication protocol	Cable Supply
Deye	SUN-(6-20)K-SG01HP3-EU-AM2 SUN-(25-50)K-SG01HP3-EU-BM2/3/4	CAN	RJ45

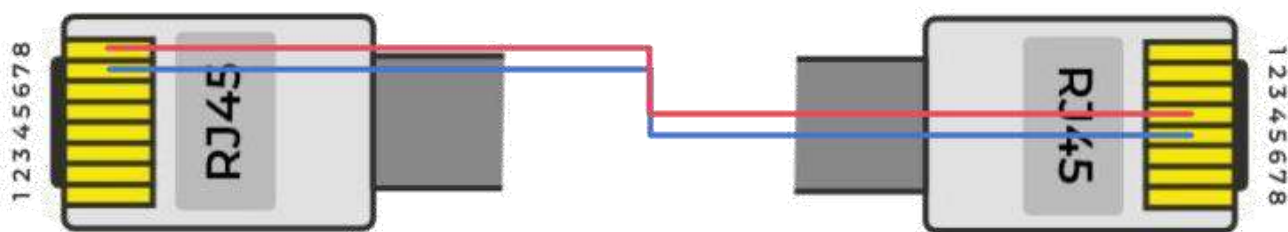
- (1) The corresponding communication pins are defined in the following table. You can make communication cables according to this table.

Model	Felicity HVC96050 and LPBA48050-OH	FelicityESS other high voltage model batteries	Deye
CAN_L	Pin7	Pin5	Pin5
CAN_H	Pin8	Pin4	Pin4

(Order of Communication Cable)



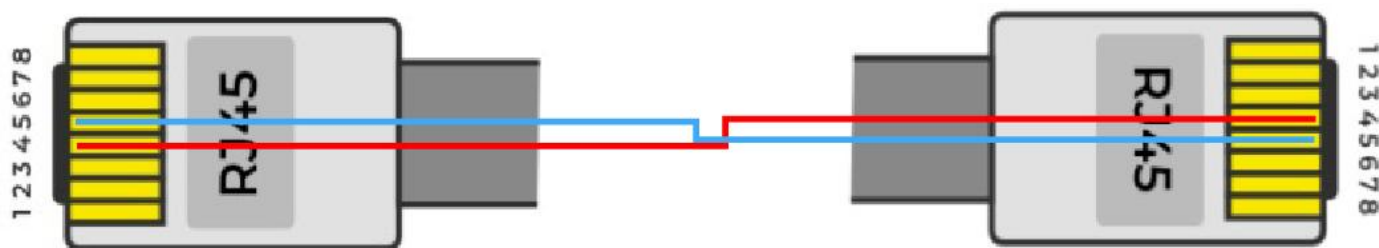
(RJ45 Pin Sequence)

Felicity HVC96050 and LPBA48050-OH

Battery Side

Inverter Side

(CAN Communicate Cable Connection)

FelicityESS other high voltage model batteries

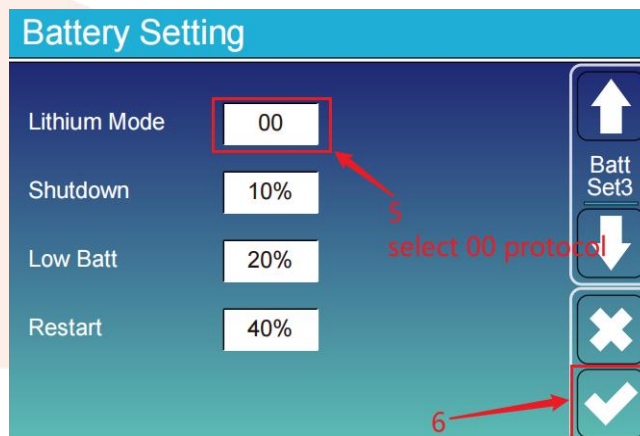
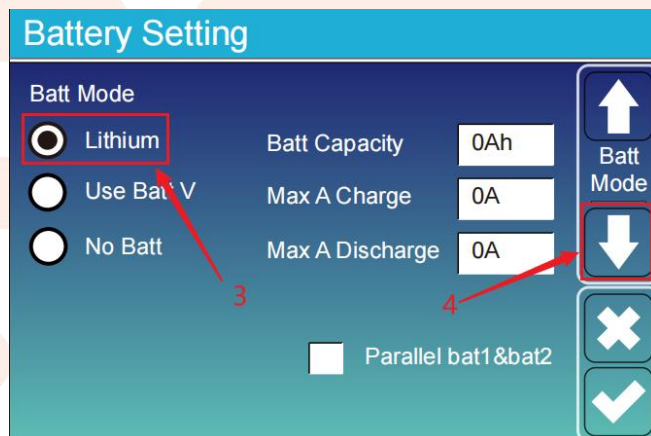
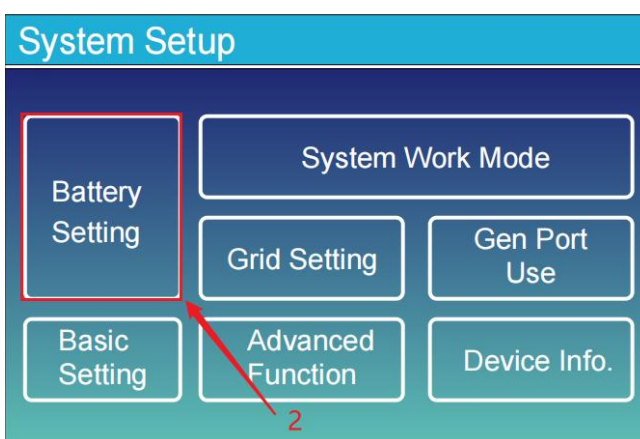
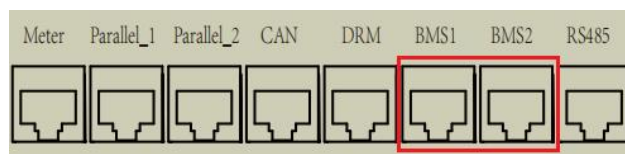
Battery Side

Inverter Side

(CAN Communicate Cable Connection)

The diagram shows the rear panel of the RS-485 module with the following components labeled:

- LINK-0**: A BNC connector at the top right.
- LINK-1**: A BNC connector below LINK-0.
- PCS**: A BNC connector highlighted with a red box and a red arrow pointing to it from the RS-485 label.
- BMU**: A BNC connector to the right of the PCS connector.
- RS-485**: A label with a red arrow pointing to the PCS connector.
- PCB+** and **PCB-**: Two circular connectors on a single module at the top center.
- Module+** and **Module-**: Two circular connectors on a single module in the center.
- USB-ADS**: A rectangular USB connector at the bottom center.



(4) After the communication is successful: the battery connection is normal and battery information is displayed on the screen.