

# QUICK INSTALLATION GUIDE

**LITHIUM SERIES 48V 5,1kWh Slim**

**+**

**INVERTER SOLIS**

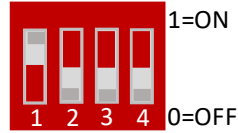


**+**



## 1. Battery configuration

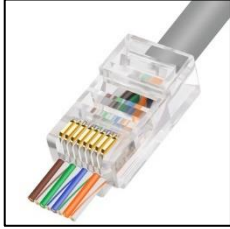
Each module has 4 DIP (Dual Inline Package) switches that will be configured differently depending on the number of batteries to be connected



Address	Dial switch position				Explain
	#1	#2	#3	#4	
1	ON	OFF	OFF	OFF	Pack1/Master
2	OFF	ON	OFF	OFF	Pack2
3	ON	ON	OFF	OFF	Pack3
4	OFF	OFF	ON	OFF	Pack4
.....					

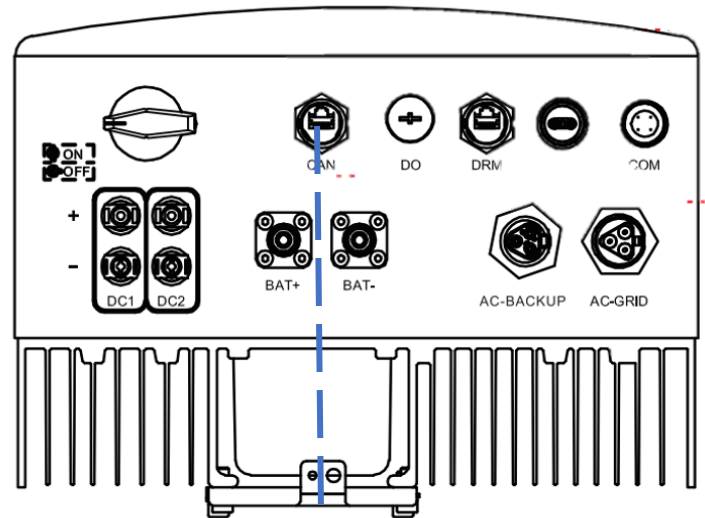
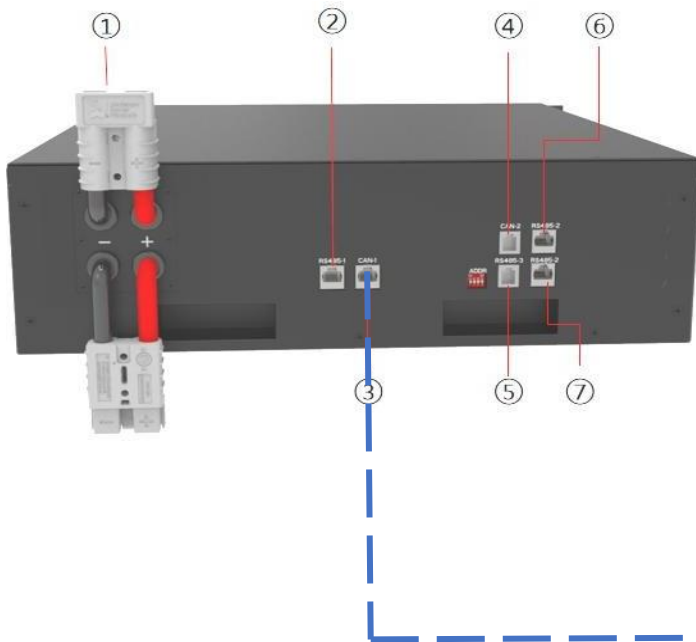
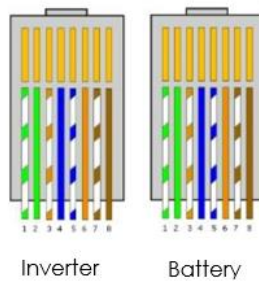
Any changes to the DIPs must be made with the battery turned off.

## 2. WIRING Configuration (Solis)



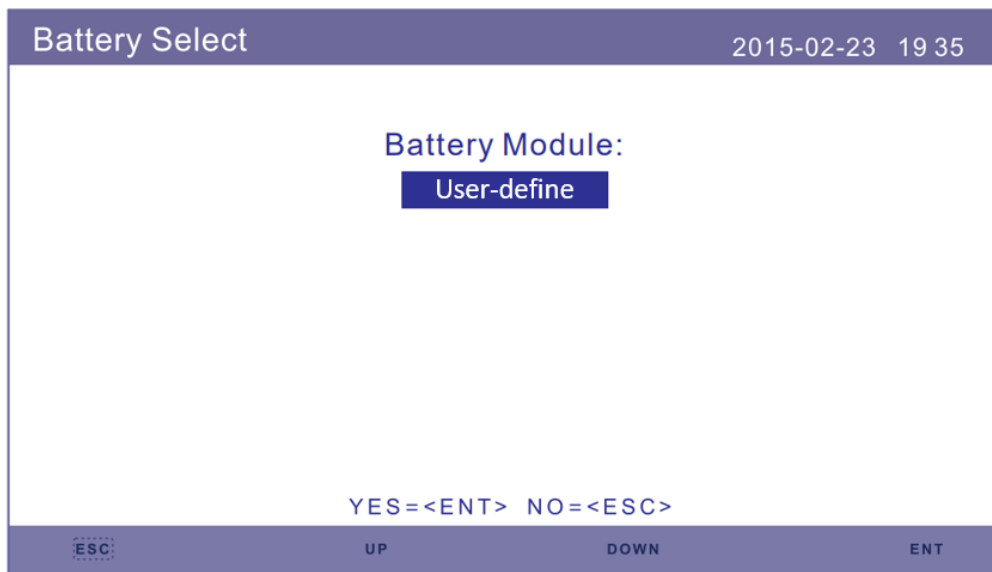
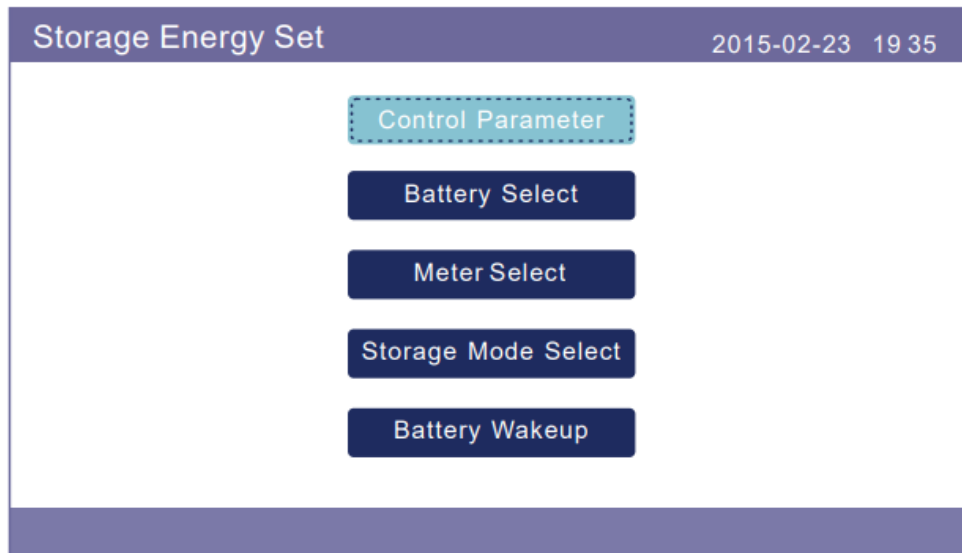
The cable needed to make the connection is the **RJ45**. It is a special cable that is composed of 8 smaller cables each with a different color configuration.

It must use a standard pin-to-pin cable with RJ45 connector and connect the CAN-1 port of the battery (3) with the CAN port of the inverter.

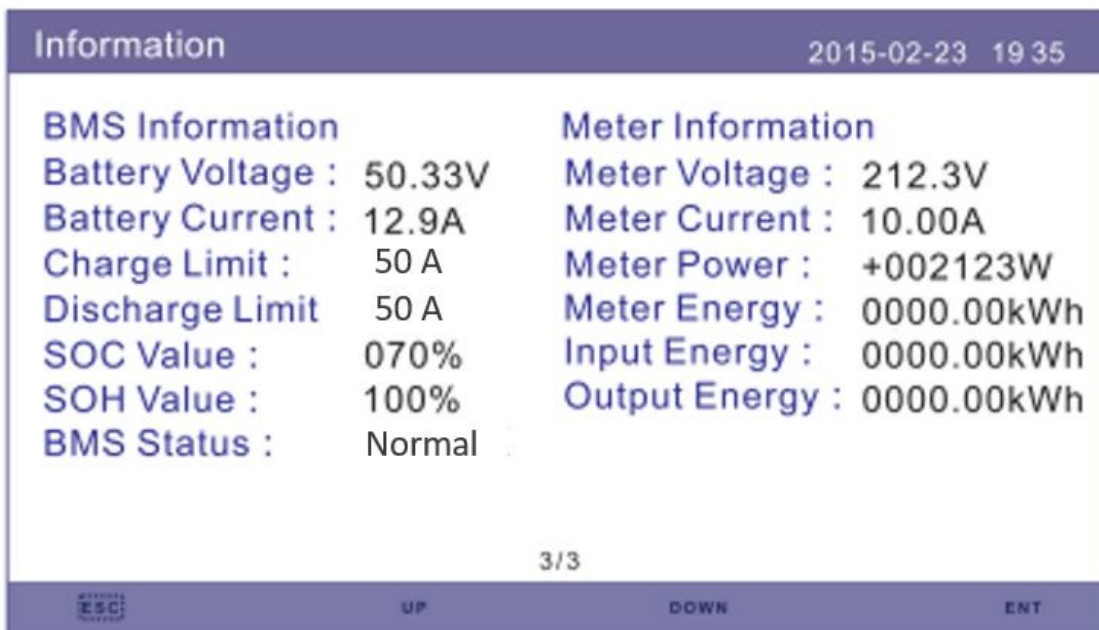
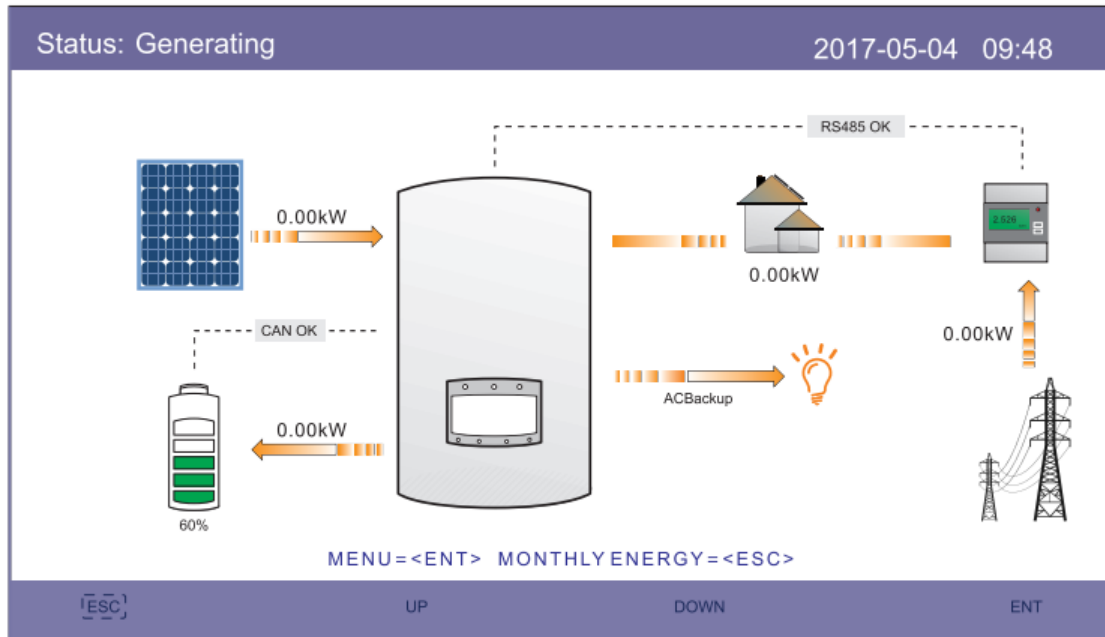


### 3. Inverter configuration

For the configuration of the inverter, it is necessary to select **USER-Define** in the battery module within battery select.



It will be checked that the communication is correct if **can OK** appears on the main screen between the battery and the inverter. Also, on page 3 of Information the BMS Status has to appear as NORMAL



### A. Battery connection

Each power cord can carry a maximum of 120 A, so every two batteries a new cable would need to be connected to the inverter. However, if the inverter is 5 kW with a cable it would be sufficient to be within the limit of the maximum recommended current.