

QUICK INSTALLATION GUIDE

LITHIUM SERIES 48V 5,1kWh Slim

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INVERTER SOLIS

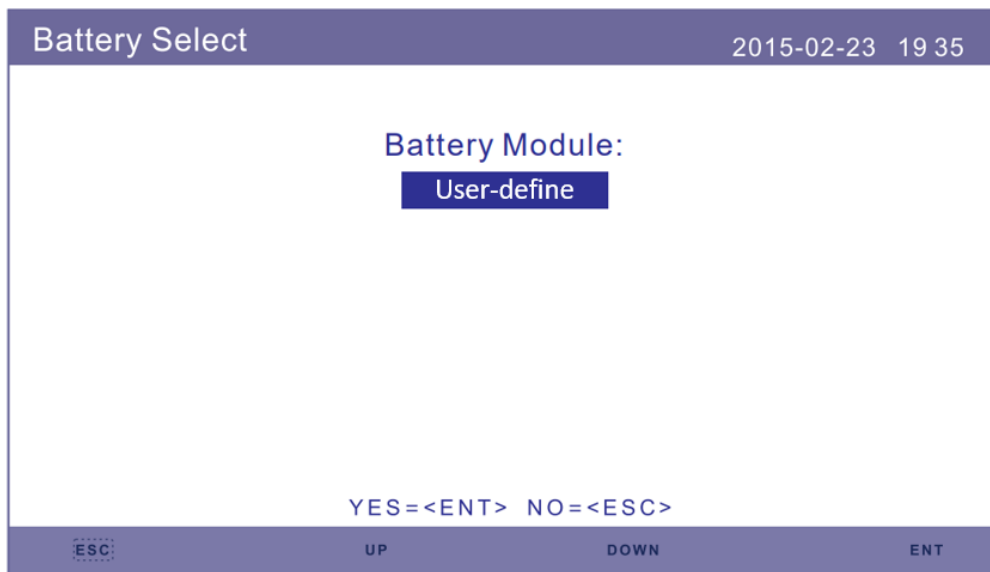
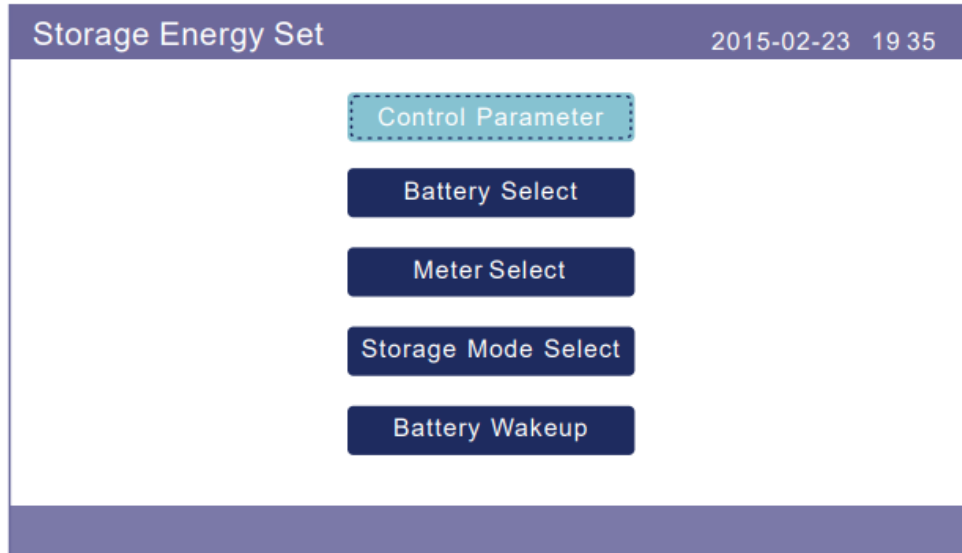


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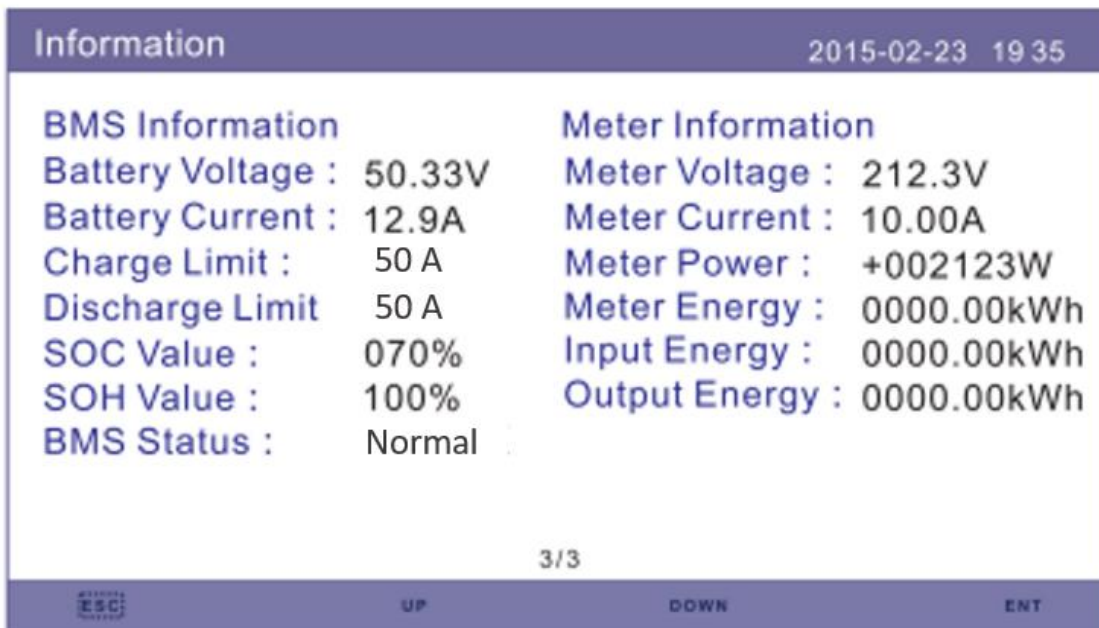
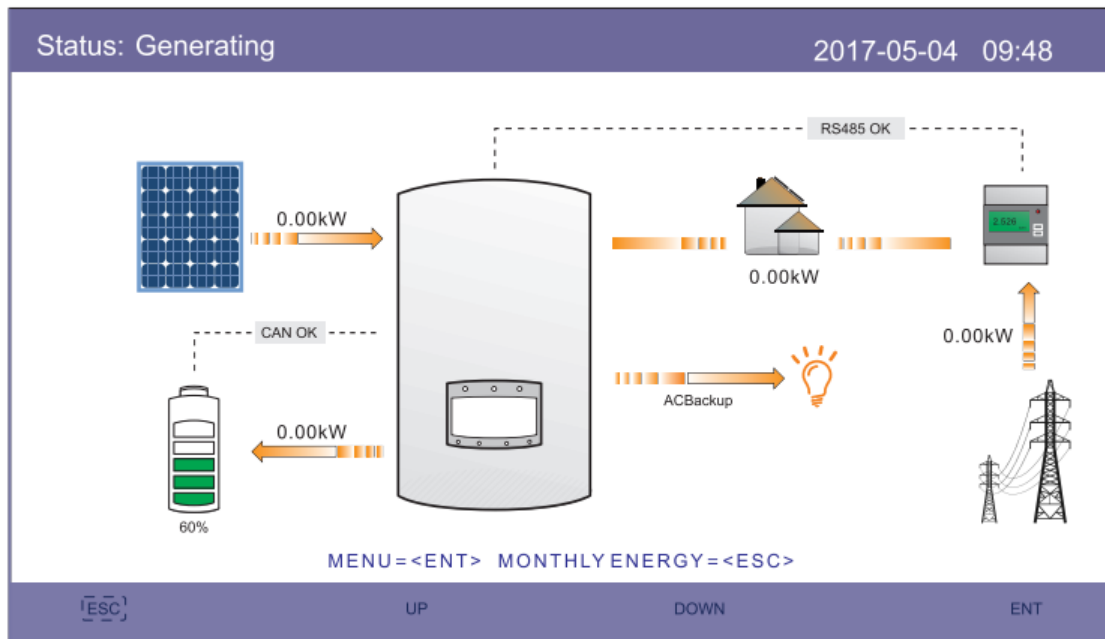


1. Inverter configuration

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 needs to appear as NORMAL

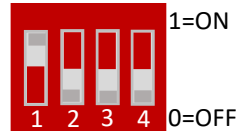


2. Battery connection

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.

3. 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



They are configured according to the binary code, starting with the master.

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
5	ON	OFF	ON	OFF	Pack5
6	OFF	ON	ON	OFF	Pack6
7	ON	ON	ON	OFF	Pack7
8	OFF	OFF	OFF	ON	Pack8
9	ON	OFF	OFF	ON	Pack9
10	OFF	ON	OFF	ON	Pack10
11	ON	ON	OFF	ON	Pack11
12	OFF	OFF	ON	ON	Pack12
13	ON	OFF	ON	ON	Pack13
14	OFF	ON	ON	ON	Pack14
15	ON	ON	ON	ON	Pack15

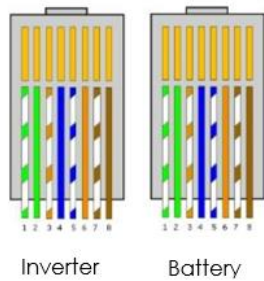
Any changes to the DIPs must be made with the battery turned off.

4. 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.



For the connection between the inverter and battery, the RJ45 cable will be connected to the CAN-1 port in the battery

