



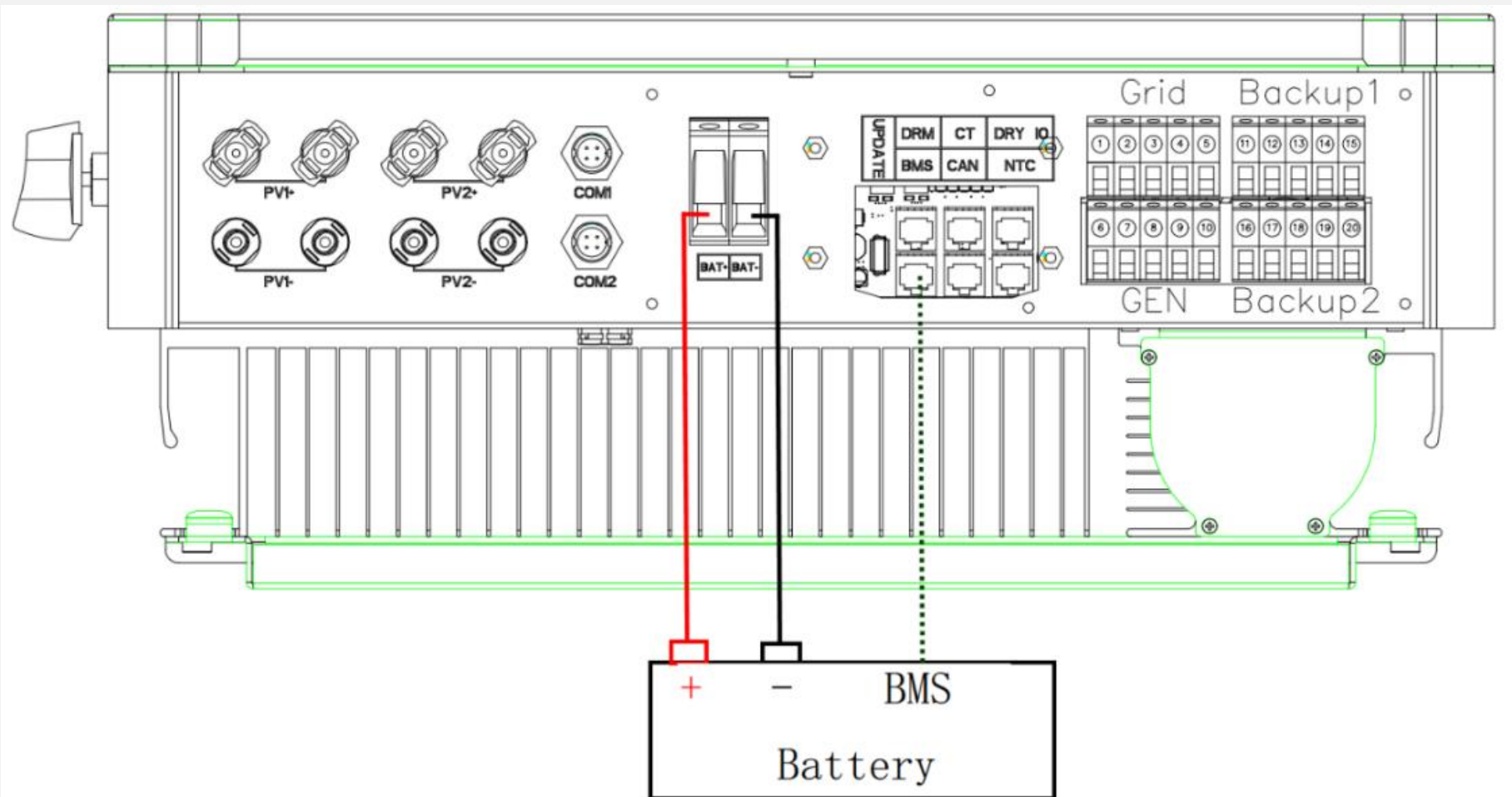
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Hybrid Inverter & Battery Connect Guide



1. Inverter Connect Port Introduction

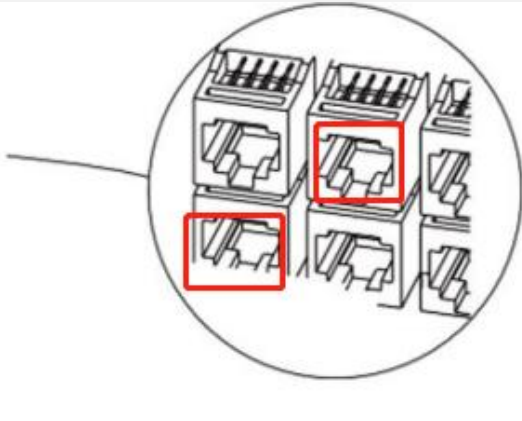


1)Port Introduction

| Lable | Declare | Function |
|-----------------|----------------------------------|-----------------------------------------|
| PV1, PV2 | 2 strings PV Panels | Connect 2 strings |
| COM 1 | GPRS | Not Use |
| COM 2 | WIFI | Connect WIFI |
| BAT | Battery | Connect B+, B- |
| GRID | GRID Power | Connect Grid Power AC line |
| GEN | Connect Generator | function in developing/Not Use |
| Backup 1 | Connect main home load | Connect key load |
| Backup 2 | Connect normal home load | Generally not use |
| CT | Connctet CT | Connctet CT |
| BMS | Connect Battery Communicate Line | Connect Battery Communicate Line |
| DRM/CAN/DRY/NTC | Not Use | function in developing/Not Use |

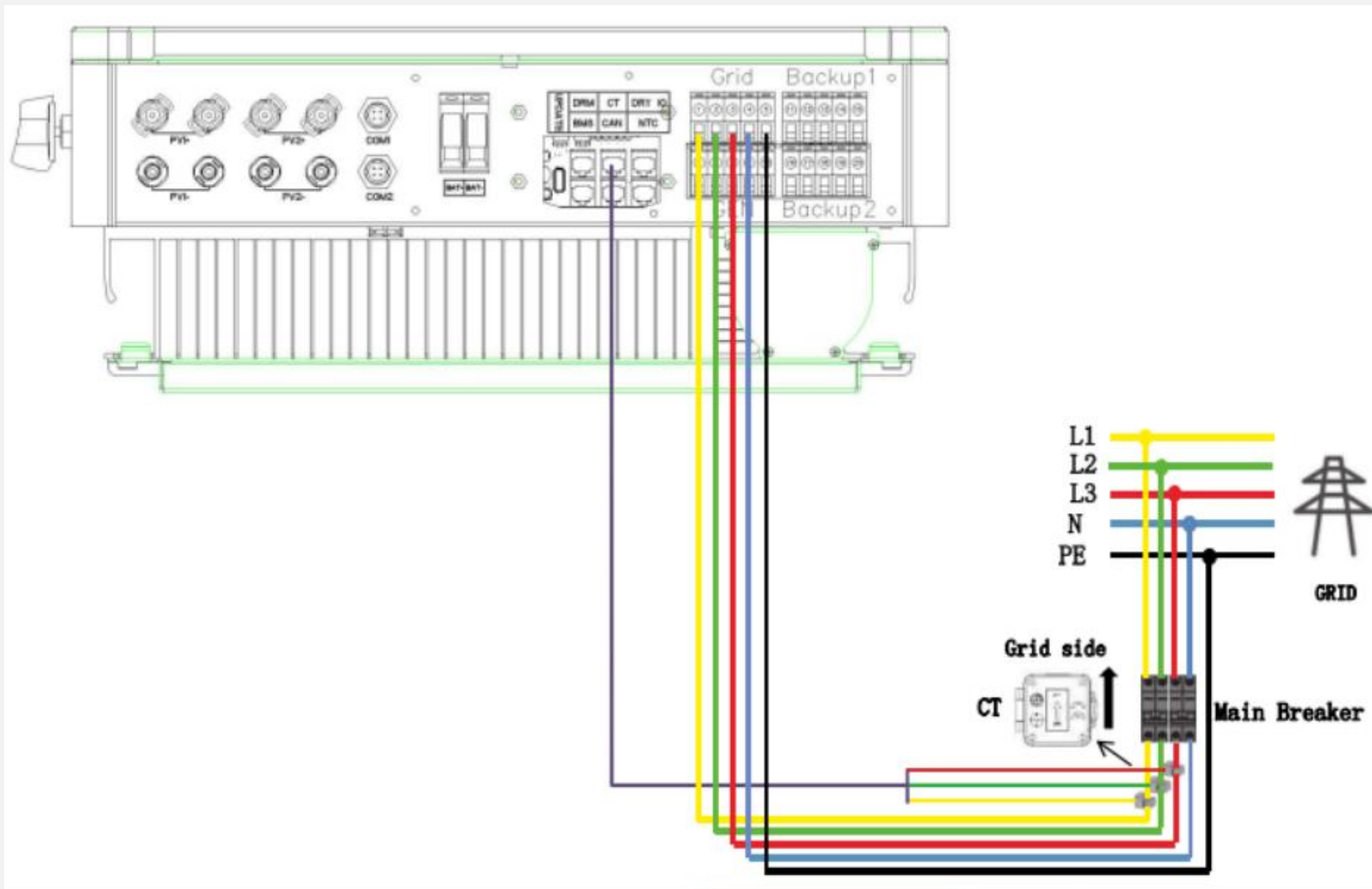
2)signal line interface

| | | |
|--------------------|----------|-------------|
| DRM | CT | Dry contact |
| BMS-485 BMS-CAN | Parallel | NTC |

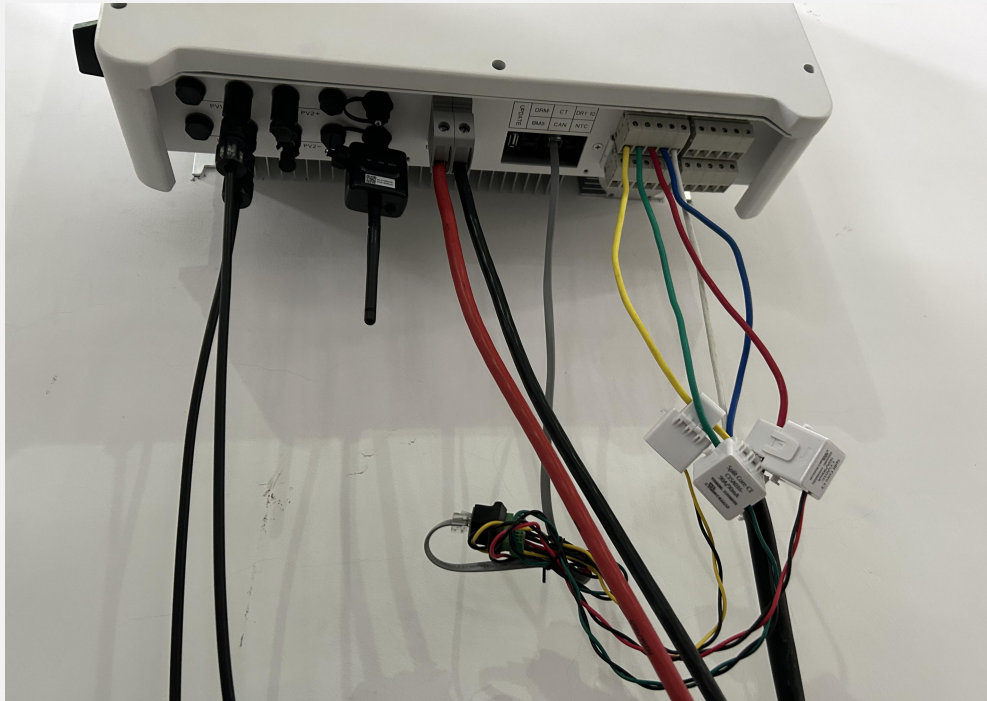
A circular diagram showing a multi-pin connector with several ports. Two ports are highlighted with red boxes: one in the top row, second column, and one in the bottom row, first column. A line points from the top-left corner of the table to the top-left port in the diagram.

During installation process, only need to connect there 2 ports CT and BMS, others function is in developing, not use.

2. CT Installation Diagram



1) CT Installation Real Pictures



Noted it:

1. CT has three lines, Yellow, Green, Red
Yellow connect Grid A, Green connect Grid B, Red connect Grid C
2. CT has a direction, direct to Grid Power.
3. CT has a communication line, connect CT port on Inverter.

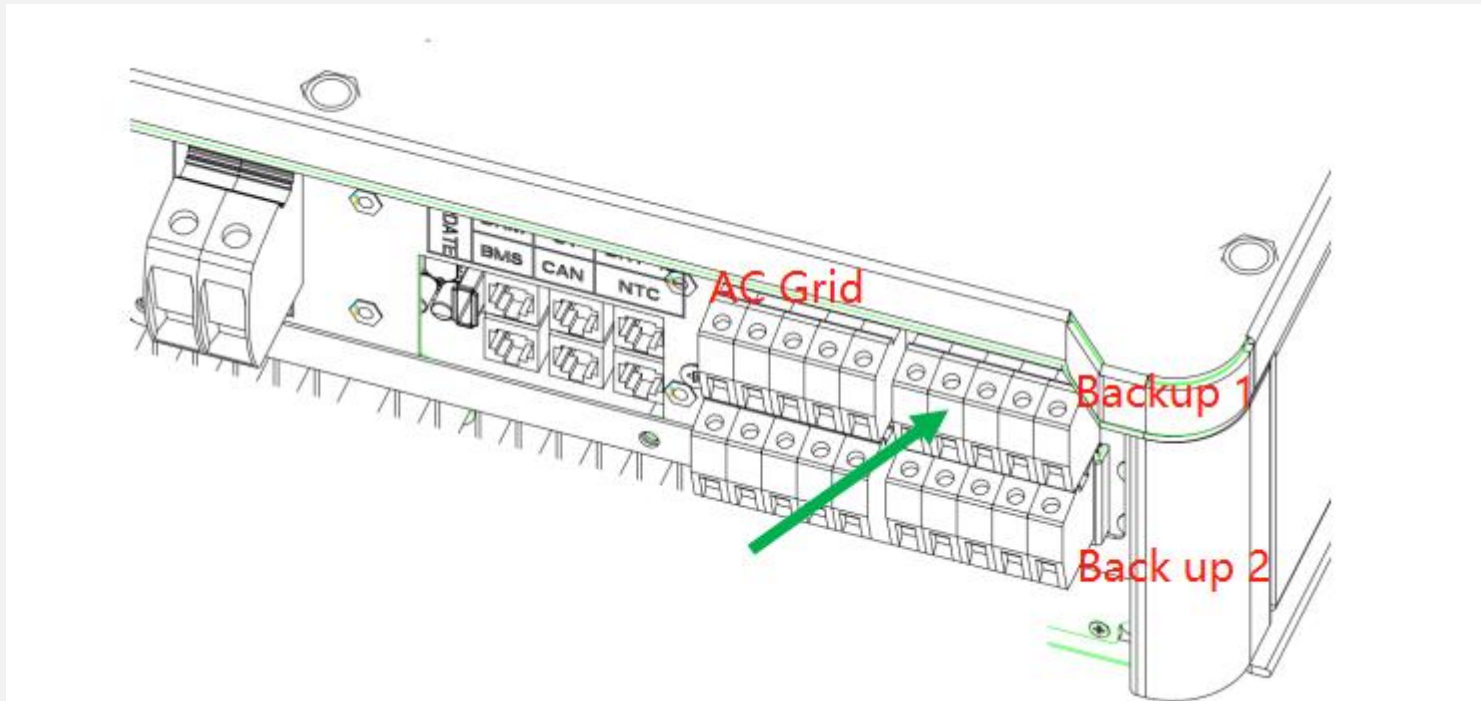
3. Battery Installation-Stacked Lithium Battery



Installation Step:

1. Put the **battery base** well
2. Stack each battery in turn without wiring
3. Install the **battery control box** on the top
4. Wiring part
 - Battery positive + connect to inverter B+
 - Battery negative- connect to inverter B-
 - Battery communication cable to inverter BMS port

4. Inverter's backup 1



- 1) Back up 1 connect key load. Use electricity from solar panels priority.
- 2) Extra electricity will be charge for solar batteries.
- 3) At night, load use electricity from battery, if battery run out, use electricity from Grid power.



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THANKS

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