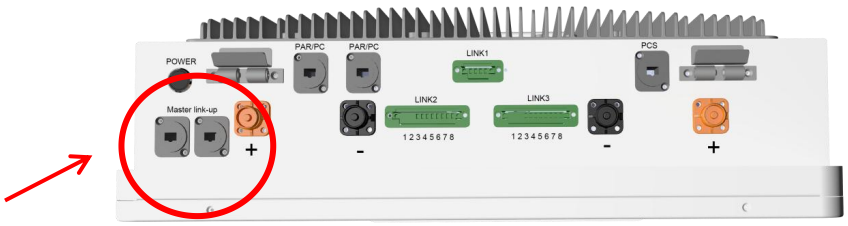
ELEMAGIC-10.2 HV connect with GROWATT inverter

1. Confirm the parallel batteries' quantity and the status of each battery's communication board.

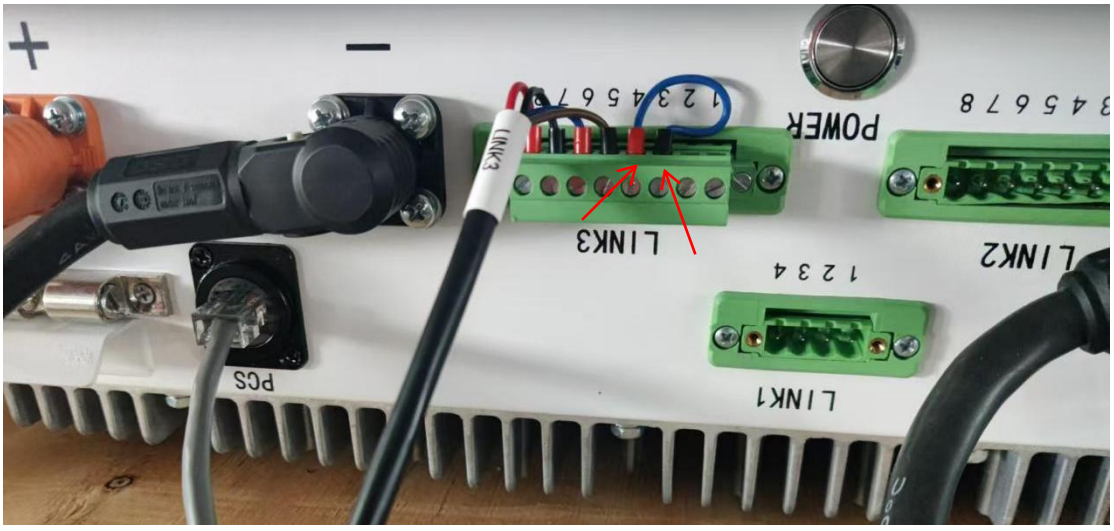
* The two interfaces on the communication board of the master battery need to be connected, while the slave battery needs to be completely disconnected.



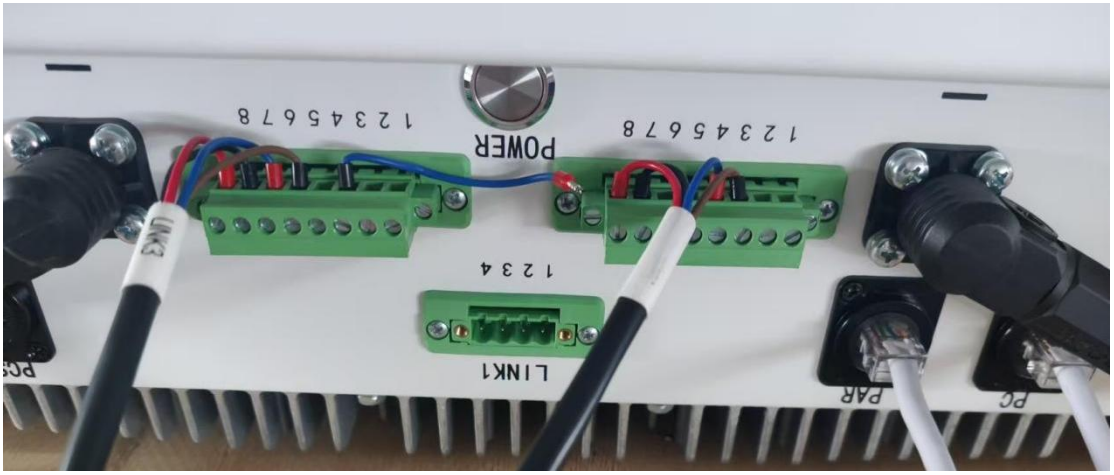
2. Connect the parallel power control line (LINK2, LINK3).

Connect the LINK3 of master battery to next battery's LINK2(same marks of the lines and batteries).

* LINK3 of the master battery need to additional short connects to PIN3 & PIN4, while disconnected PIN3 & PIN4 from the slave batteries.



Master battery



Slave batteries

3. Connect the parallel communication control lines (PAR, PC), PAR, PC are same ports.

4. Connect the PCS of master battery to inverter's BMS.

Single battery connection diagram:

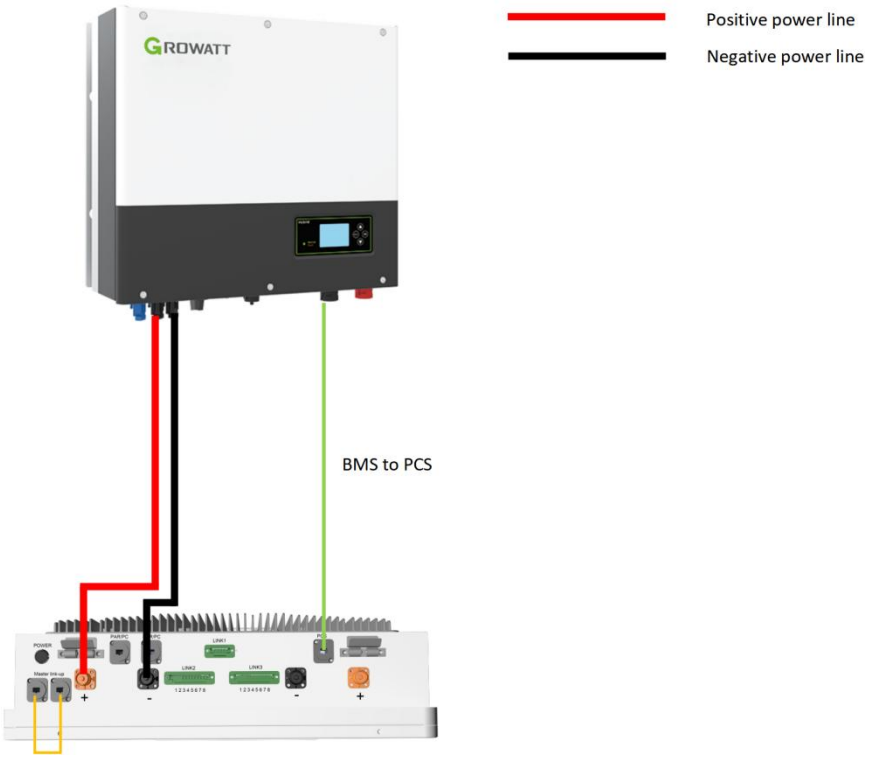


Diagram of communication line connection for multiple parallel units:

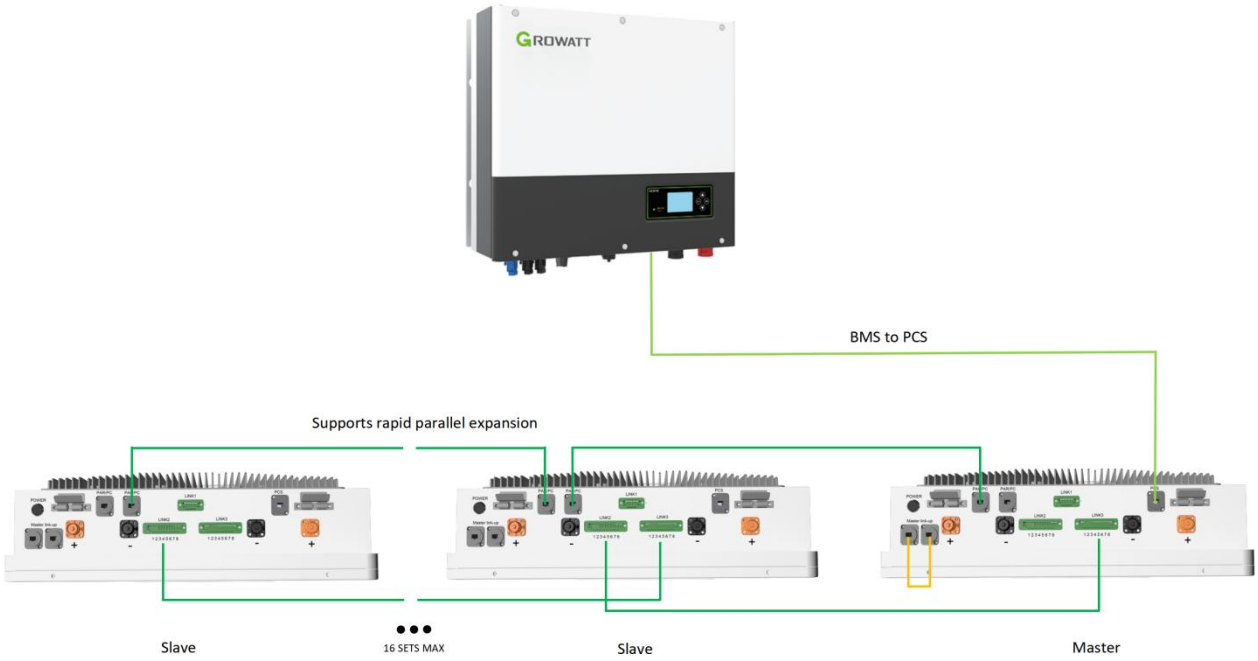
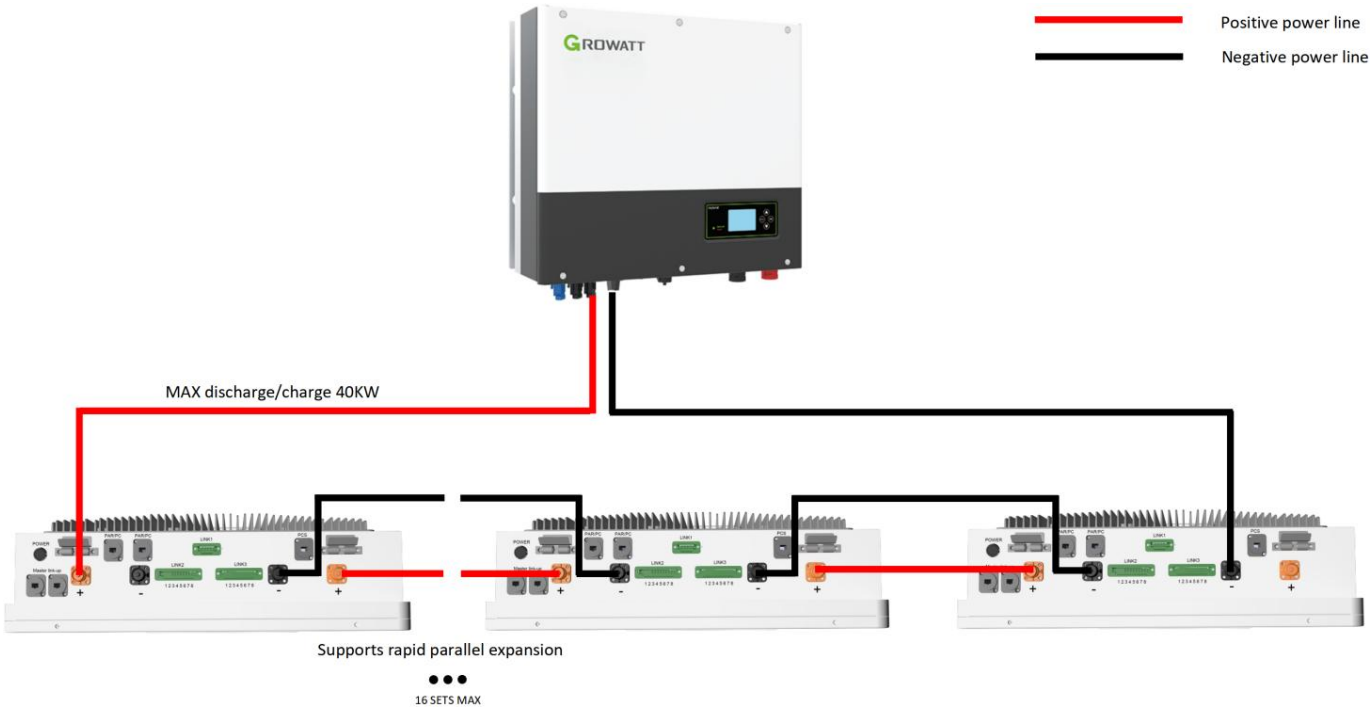
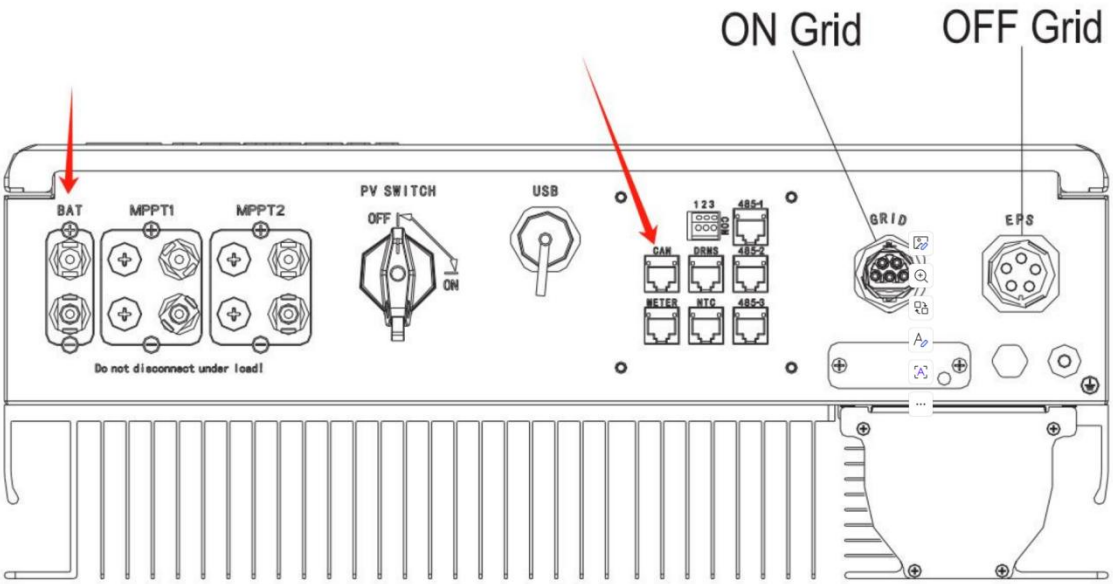


Diagram of power line connection for multiple parallel units:



5. Inverter's hardware's port.



6. Settings of inverter.

Choose "Lithium" mode, install the inverter's CT/ meter.

