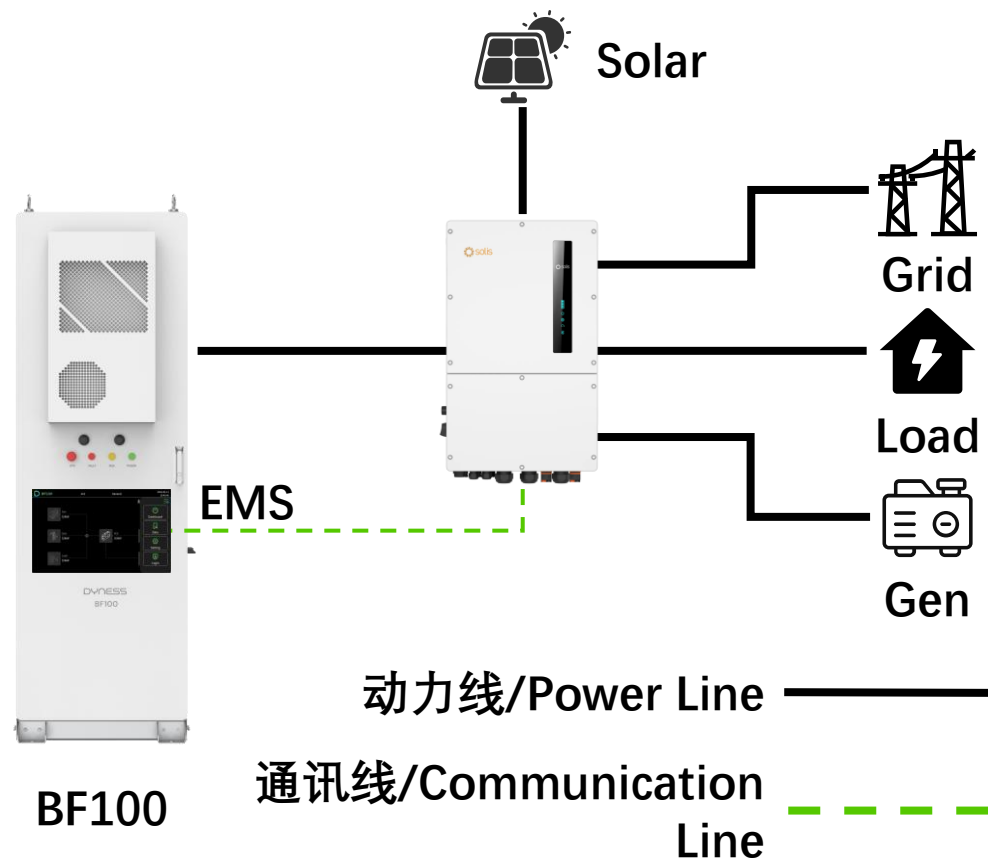


系统拓扑图/System topology diagram

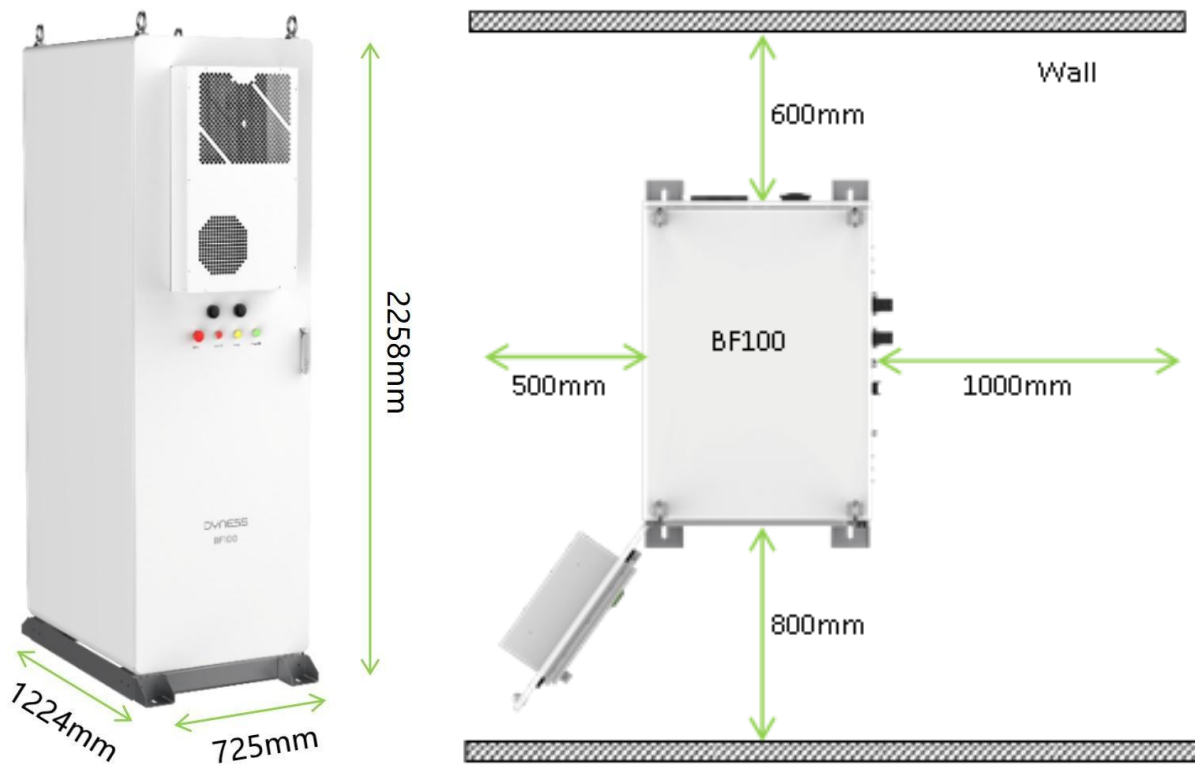


Serial number	Type	Function	Specifications
1	PE cable	Grounding cable	6AWG
2	Terminal	Copper terminal	DT/SC 16-6
3	Sample cable	Meter collection	Vol: 16AWG Cur: 14AWG
4	Communication cable	Connecting to other external dives	Shielded Twisted Pair 2mm ²



系统安装/System Installation

① 尺寸和安装空间/ Dimensions and installation space.



② 运输/ Transportation

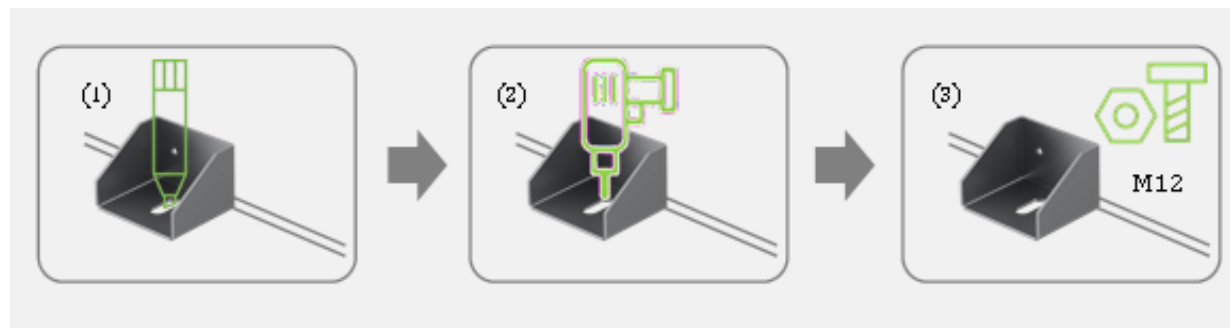


系统安装/System Installation

③ 固定螺丝/ Fixed screw installation

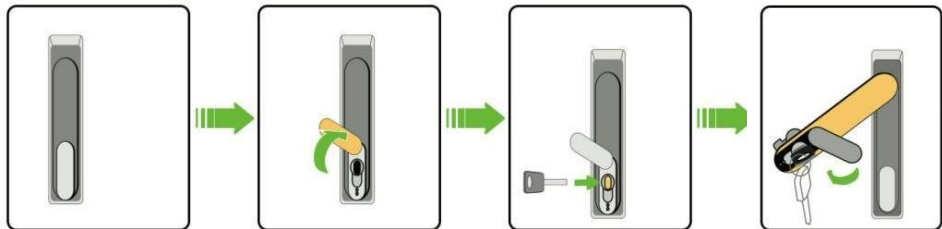


- (1) 用记号笔标记钻孔位置/ Use a marker pen to mark the drilling positions;
- (2) 选择与螺栓外径相匹配的电动钻头，根据螺栓的长度钻孔（孔深略大于螺栓长度），直至达到安装所需的深度/ Choose an electric drill with a diameter matching the bolt's outer diameter, drill holes according to the bolt's length (hole depth slightly greater than the bolt length) until reaching the desired depth for installation;
- (3) 将螺栓和膨胀套筒插入孔中，将螺母拧到螺栓末端，并用扳手将其拧紧/ Insert the bolt and expansion sleeve into the hole, tighten the nut to the end of the bolt, and use a wrench to tighten it.

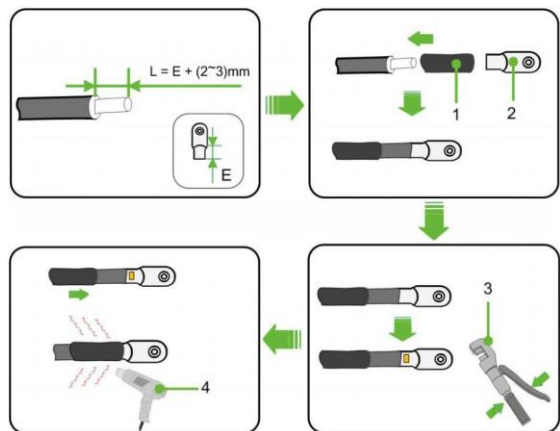


系统安装/System Installation

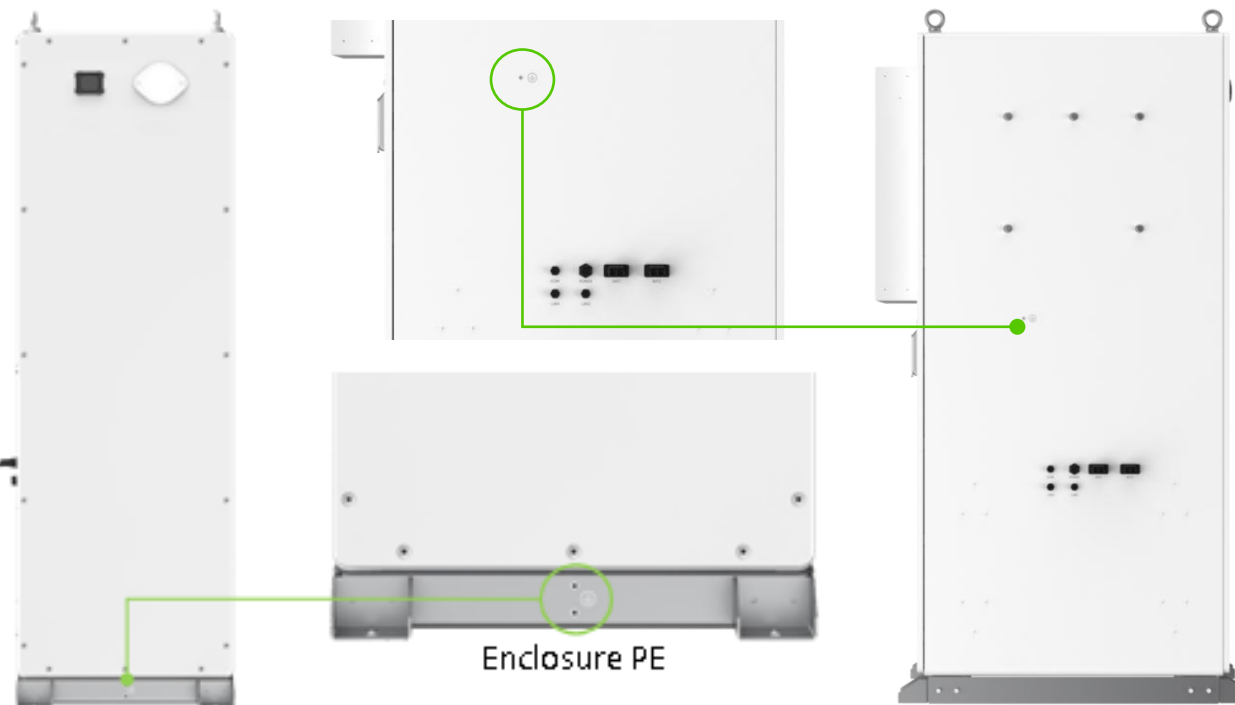
① 打开柜门/ Open the cabinet door.



② 端子压接/ Cable crimping

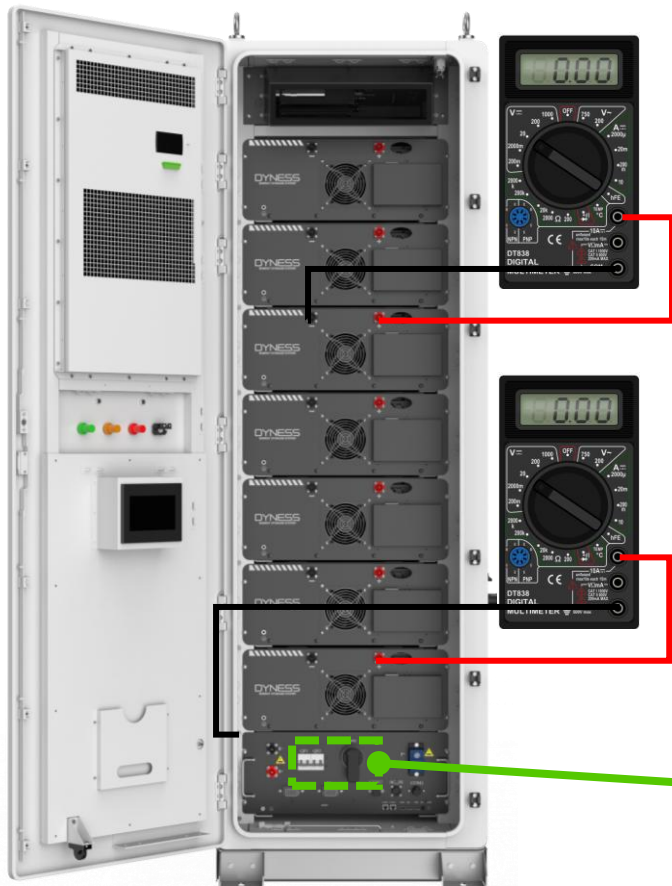


③ 接地/ Grounding



系统接线/ System Wiring

④ 安装前检查/ Battery check.



1) 检查每块电池的电压。正常电池电压应为 $52V \pm 1V$ 。
Check the voltage of each battery. The normal battery voltage should be $52V \pm 1V$.

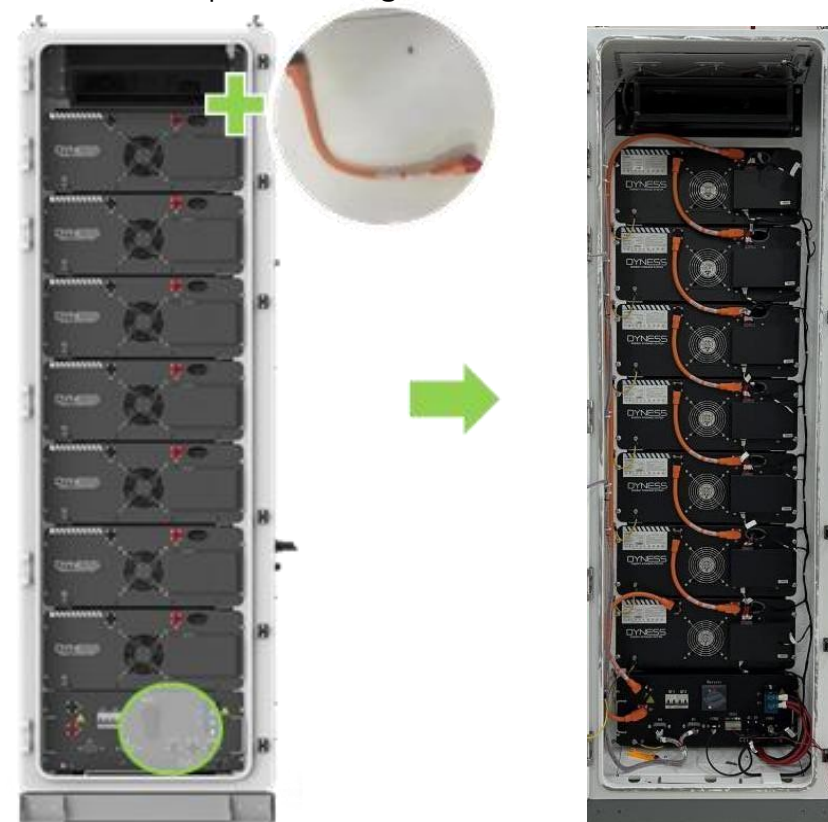
2) 分别检查电池正负极对地电压，正常应该为 $2.5V$ 以下。
Check the voltage of each battery's positive and negative terminals to ground. It should be below $2.5V$.

3) Ensure that the battery circuit breaker is in the open position.

⑤ 电池连接线/ Battery Wiring.

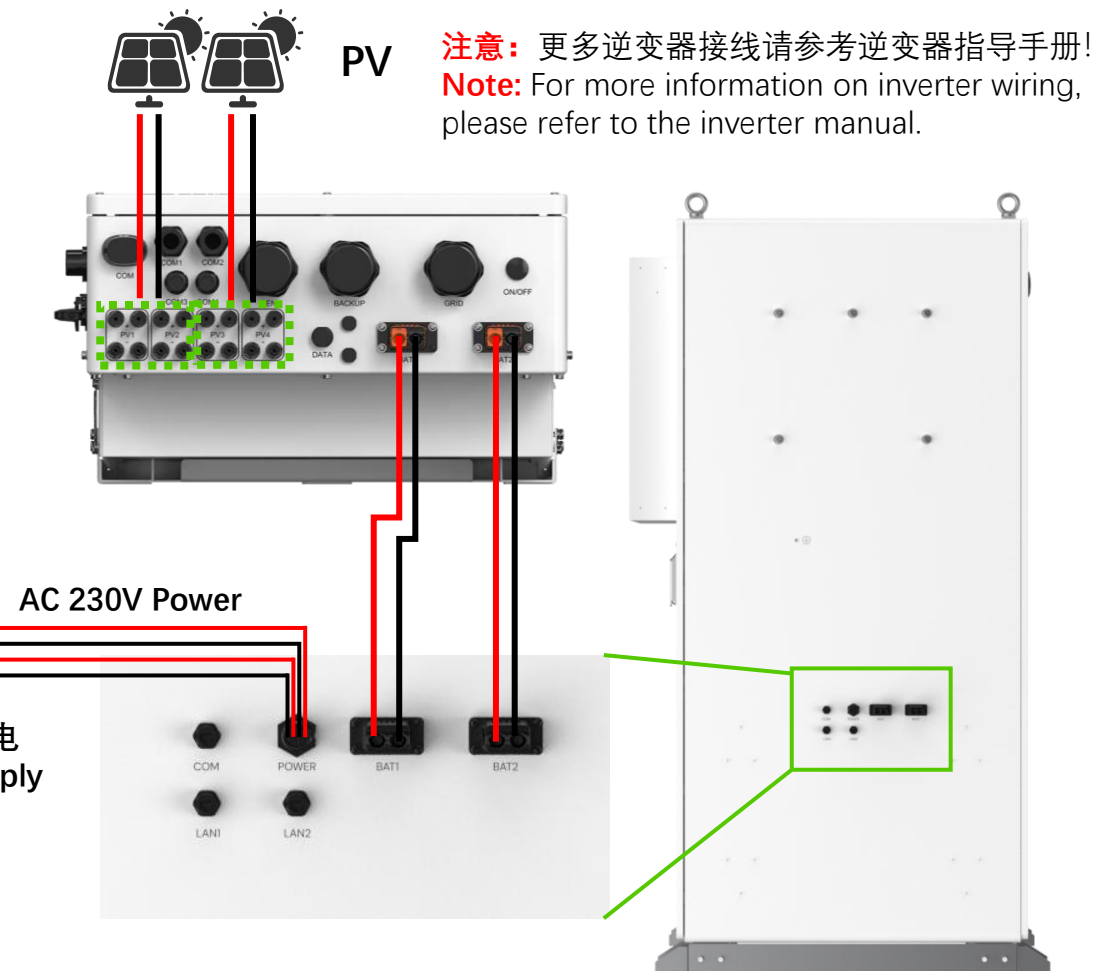
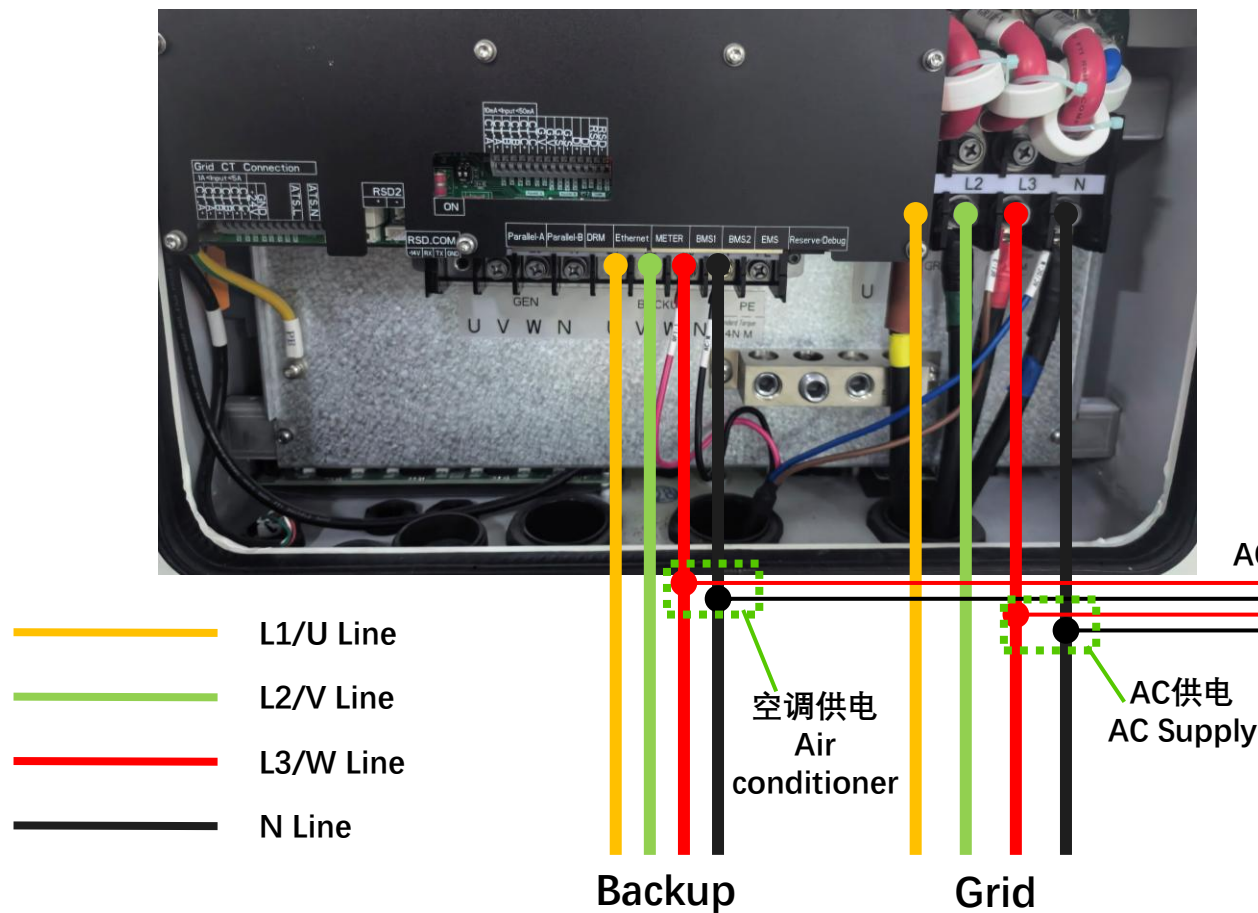
注意： PACK 和 BDU 端子颜色：红色表示正极，黑色表示负极。

Notice: The color of PACK and BDU terminals: red represents positive, black represent negative. **Do Not Short!!!**



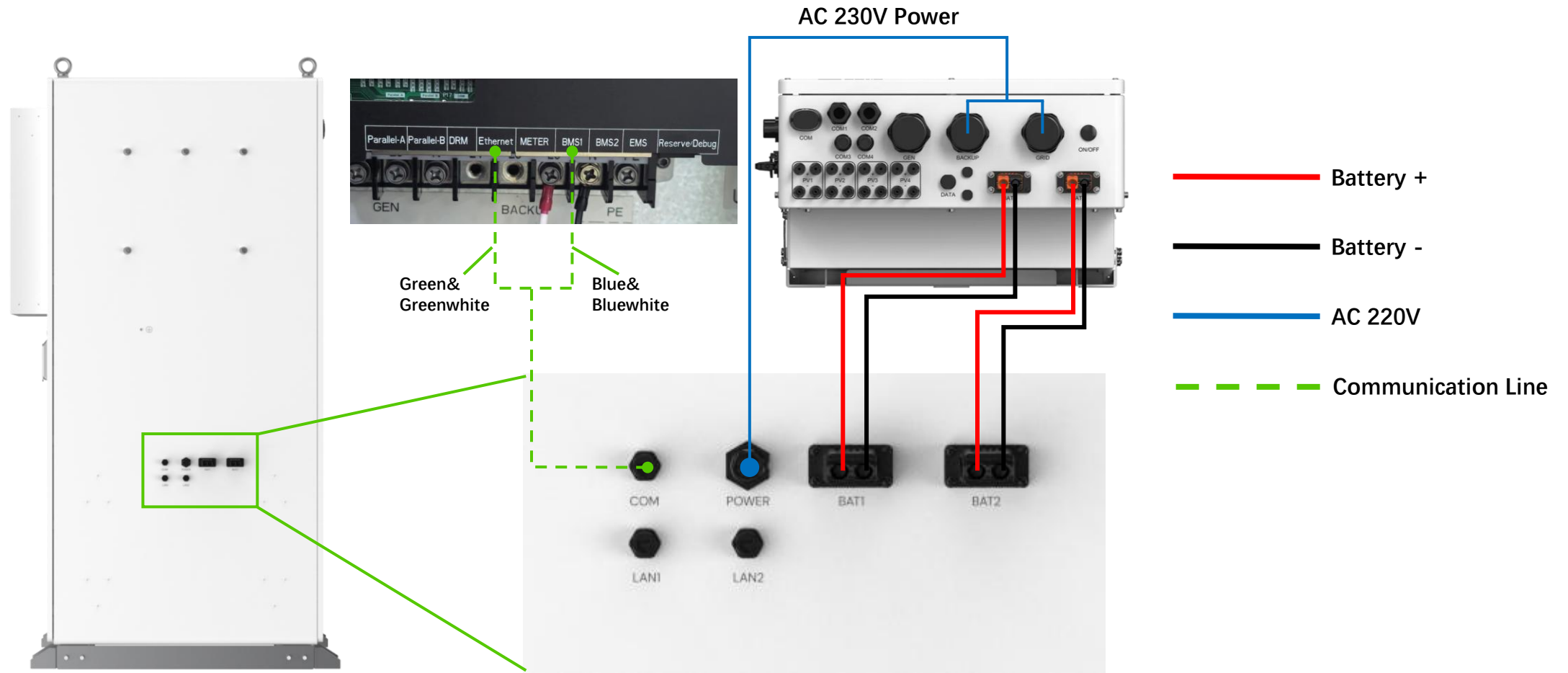
系统接线/ System Wiring

⑥ 逆变器接线/ Inverter Wiring.



系统接线/ System Wiring

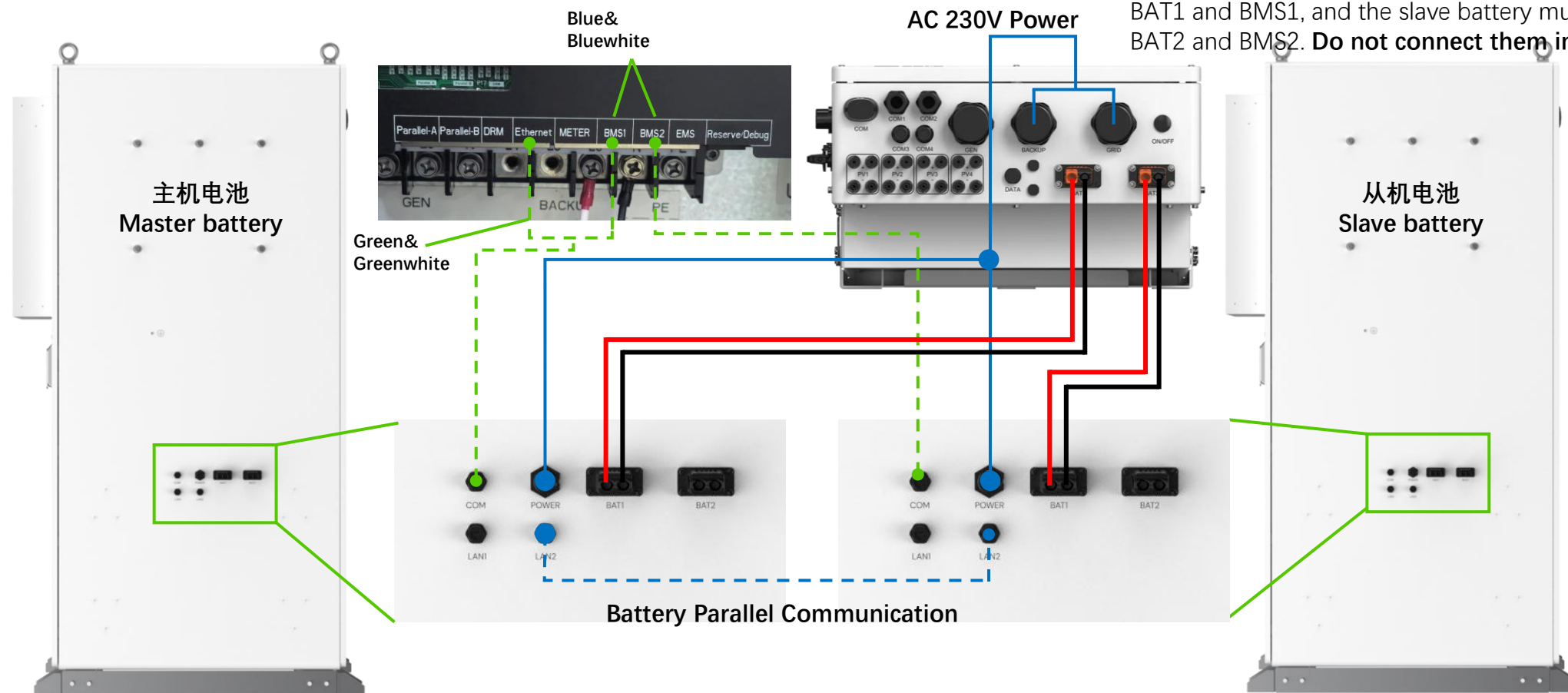
⑦ 电池接线/ Battery Wiring. (1 Inverter & 1 Battery)



系统接线/ System Wiring

⑧ 电池接线/ Battery Wiring. (1 Inverter & 2 Battery)

— Battery + — Battery - — AC 220V - - - Communication Line



注意：主机电池必须接入逆变器BAT1 及BMS1，从机电池需接入BAT2及BMS2，不可接反！

Note: The master battery must be connected to the inverter BAT1 and BMS1, and the slave battery must be connected to BAT2 and BMS2. **Do not connect them in reverse!**

联网/ Network

