





6 Installing Input and Output Cables / 安装输入输出线缆

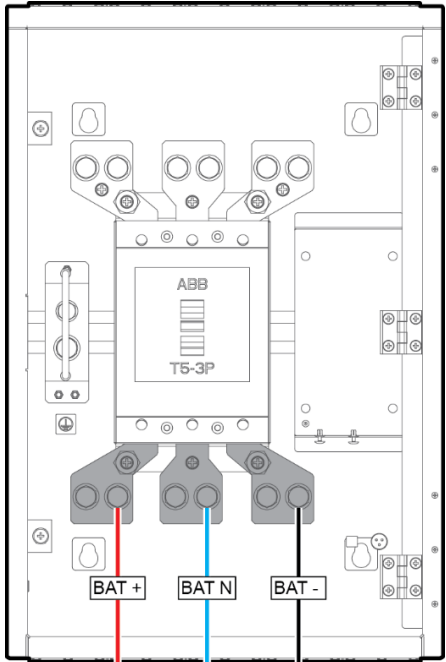
**NOTE / 说明**

1. Cables are routed in from the bottom and out from the top. The ground terminal is identified by a  sign.  
进出线方式：下进上出。接地端子通常以  标识。

2. The colors of the power cables for your reference. The local cable color standards prevail.  
线缆颜色仅供参考，请以当地电源线缆标准为准。

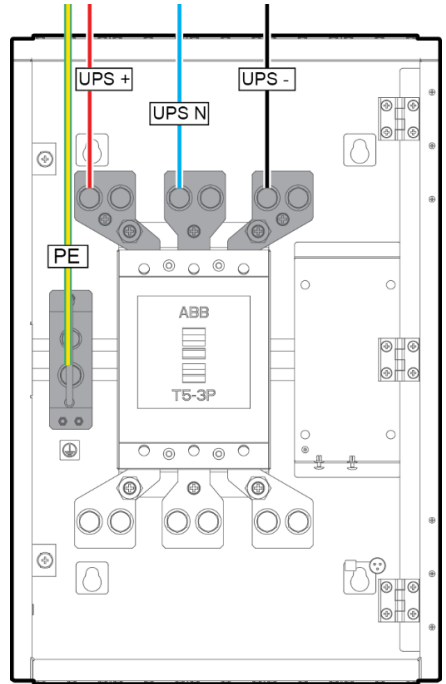
Port Description / 接口说明	cable diameter / 线径	Bolts / 螺栓	Recommended Torque / 推荐扭矩 (N·m)
UPS (+ N -)	240mm²	M16	120
PE / 地线	150mm²	M12	47
BAT (+ N -)	240mm²	M16	120

1. Input cables / 输入接线



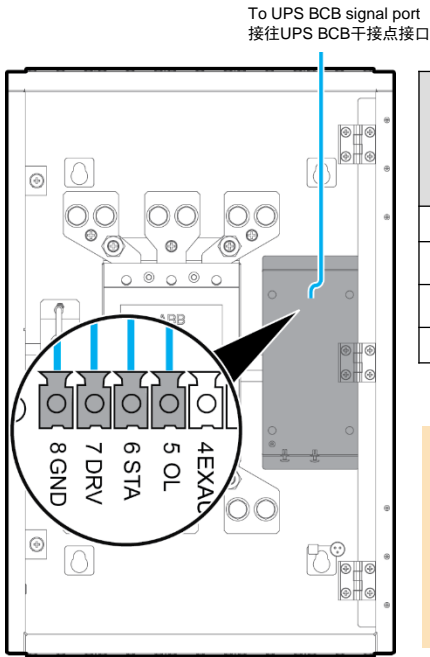
Front view of the box / 电池开关盒前视图

2. Output cables / 输出接线



Front view of the box / 电池开关盒前视图

3. Install the signal cables. 安装信号线缆。



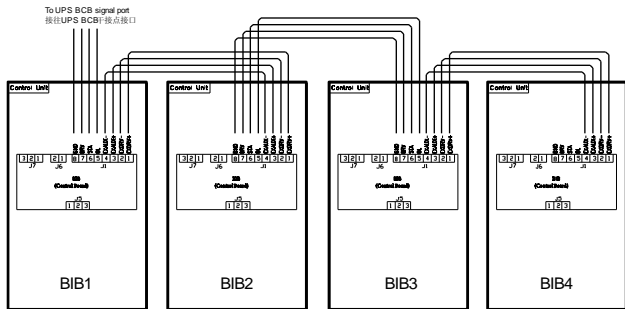
Front view of the cabinet / 机柜前视图

BIB板 J1接口 J1 Signal Port on the BIB board	UPS BCB干接点接口 UPS BCB Signal Port
5 OL	OL
6 STA	STA
7 DRV	DRV
8 GND	0V

**NOTE / 说明**

BIB board description / BIB板描述	
J1	Control signal port J1 / 控制信号接口J1
S1	DIP switch S1 / 拨码开关S1

6.1 Cascading of BIB / BIB板级联



**NOTE / 说明**

A maximum of four BIBs can be cascaded.  
最多支持4个BIB级联。

6.2 DIP switch settings of BIB / BIB板拨码开关状态设置

DIP switch settings for different numbers of BIB / 不同BIB板个数拨码开关设置状态				
Number of BIB / BIB板个数	BIB 1	BIB 2	BIB 3	BIB 4
1	Toggle switch 1 ON 1脚ON	—	—	—
	Toggle switch 2 OFF 2脚OFF	—	—	—
2	Toggle switch 1 OFF 1脚OFF	Toggle switch 1 OFF 1脚OFF	—	—
	Toggle switch 2 OFF 2脚OFF	Toggle switch 2 ON 2脚ON	—	—
3	Toggle switch 1 OFF 1脚OFF	Toggle switch 1 OFF 1脚OFF	Toggle switch 1 ON 1脚ON	—
	Toggle switch 2 OFF 2脚OFF	Toggle switch 2 OFF 2脚OFF	Toggle switch 2 OFF 2脚OFF	—
4	Toggle switch 1 OFF 1脚OFF	Toggle switch 1 OFF 1脚OFF	Toggle switch 1 OFF 1脚OFF	Toggle switch 1 OFF 1脚OFF
	Toggle switch 2 OFF 2脚OFF	Toggle switch 2 OFF 2脚OFF	Toggle switch 2 OFF 2脚OFF	Toggle switch 2 ON 2脚ON

7 Checking After Installation / 安装后检查

After the installation is completed, verify the items in the following tables before power-on.  
安装完成后，在上电前，请根据下表内容进行检查。检查合格后方可进行上电操作。

7.1 Electrical connection checklist / 电气连接检查

No. / 编号	Check That / 检查项
1	All cables are correctly connected based on the Schematic Diagram. 参考原理图，检查所有接线是否正确。
2	Ground cables are securely connected. 检查地线是否已连接牢靠。
3	Redundant parts of the ground cables and power cables are cut off instead of coiled. 电源线、地线的余长应被剪除，不能盘绕。
4	Power cables and ground cables are routed and bundled separately from other types of cables. 电源线、地线在布放时应与其他电缆分开绑扎。
5	All circuit breakers are OFF. 所有空开处于“OFF”状态。

7.2 Hardware installation checklist / 硬件安装检查

No. / 编号	Check That / 检查项
1	The box is clean, without dust or sundries. 开关盒清洁干净，无灰尘、污物，里面无杂物。
2	The paint on the cabinet exterior is intact. If paint flakes off, repaint that area immediately to avoid corrosion. 外部漆饰应完好，如有掉漆，立即补漆，以防止腐蚀。
3	The box door and lock work properly. 开关盒门开闭灵活，门锁正常。
4	All labels are correct, clear, and complete. 各种安全警告标识正确、清晰、齐全。
5	The surrounding area of the box contains no waste tape, cable ties, paper, or packing materials. 周围不得有胶带、扎带线头、纸屑和包装袋等施工遗留物。

7.3 Cable installation checklist / 线缆安装检查

No. / 编号	Check That / 检查项
1	All bolts are tightened, especially the bolts used for electrical connection. Flat washers and spring washers are installed properly in the correct sequence. 所有螺栓都要拧紧（尤其要注意电气连接部分），平垫、弹垫要齐全，且不能装反。
2	Cables are bundled neatly, and cable ties are secured evenly and properly in the same direction. 电缆绑扎应整齐美观，线扣间距均匀，松紧适度，朝向一致。
3	Cables are routed for ease of future maintenance and expansion. 电缆布放应便于维护和将来扩容。
4	There is no unnecessary adhesive tape or cable tie on the cables. 线缆上无多余胶带、扎带等遗留。
5	Exposed parts near the wiring terminals and lugs are wrapped in PVC insulation tape or heat shrinking tubing. 接线端子处的裸线及线鼻柄应用绝缘胶带缠紧，或套热缩套管，不得外露。
6	The power and signal cables are routed in accordance with the weak- and strong-current cable routing specifications and the cable routing plan. 电源线走线和监控线走线满足强弱电走线要求，符合系统走线规划。

8 Powering On and Commissioning / 上电调测

- Switch on the MCCB in the battery switch box.  
合上电池开关盒内塑壳断路器。
- Check that the voltage of each output branch is normal by using a multimeter.  
用万用表检查输出支路电压是否正常。
- After the check, switch off all circuit breakers in sequence.  
检查所有电压正常后，依次断开所有空开。

This guide is for reference only, if any change, the actual product prevails.  
本指南仅供参考，内容如有改动，请以实物为准。

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