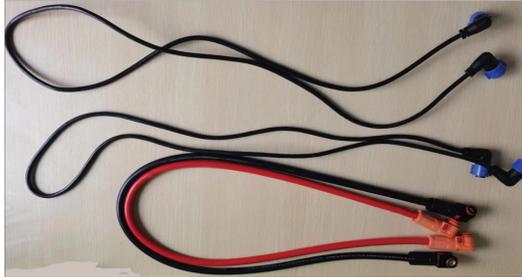


# EP600 off-grid Parallel Connection Quick Guide

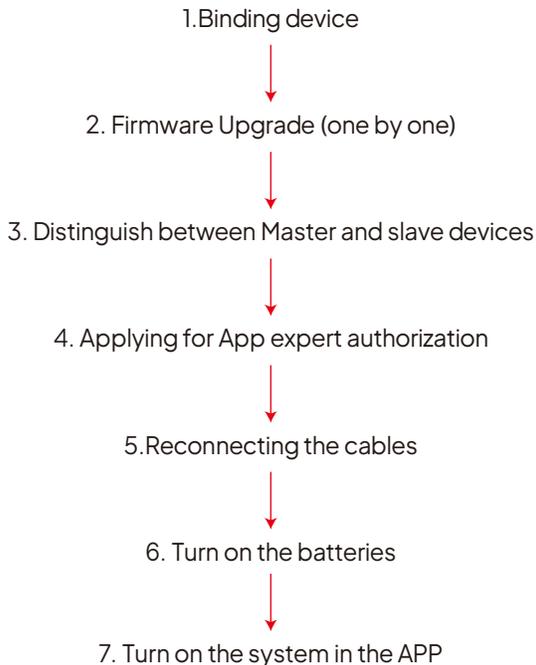
## 1.Important Notes :

The installation must be performed by a licensed electrician. Improper installation may result in death or serious injury and property damage.

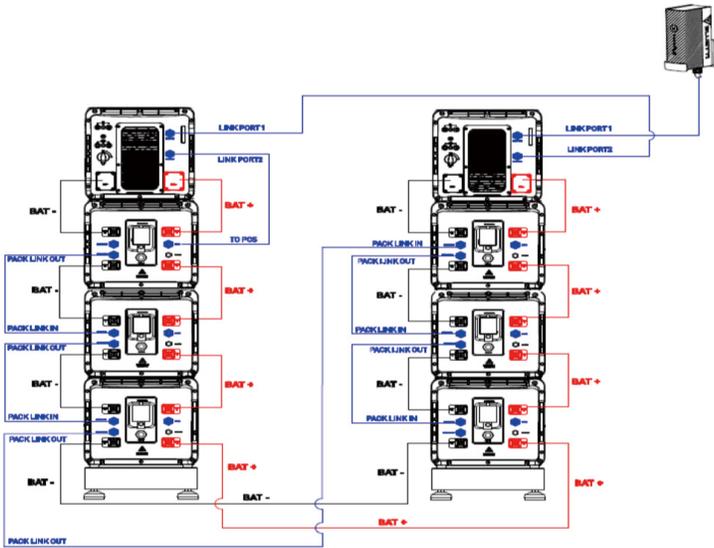
## 2.The required cables are the following :



## 3.The steps as follows :



4. The final batteries and communication wiring diagram is as follows, please follow this quick guide to finish the work.

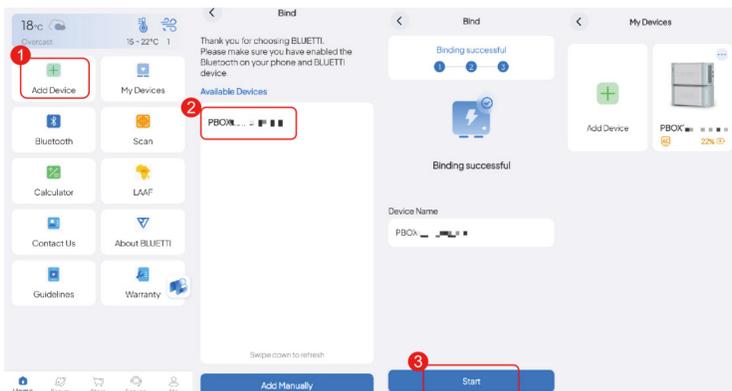


## 5. Assemble and install

**Turn off all switches on the inverter and batteries to prevent electric shock!**

### 5.1 Binding

- 1) Tap Add Device on the Home page, or tap My Devices > Add Device > Add Manually.
- 2) On the Bind page, select your device from the Available Devices list, and tap OK to complete the binding.
- 3) You can view the bound devices on the My Devices page.



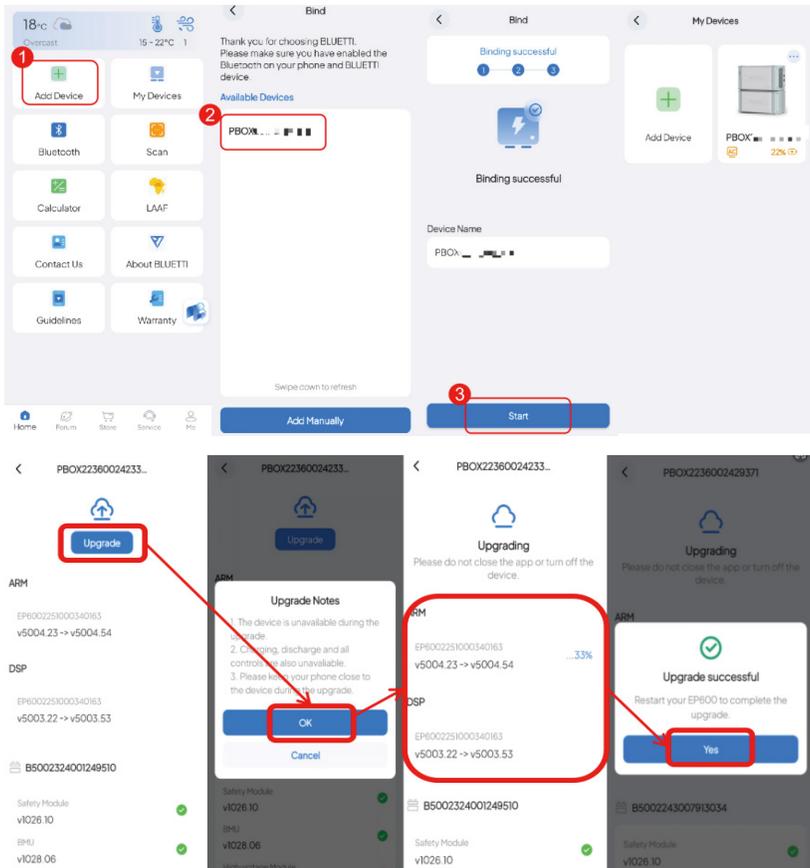
Note: Make sure you've enabled Bluetooth and location service (e.g. GPS) on your phone. If you can't find your device, get closer and Swipe down to refresh the list (recommended range: 5m).

## 5.2 Firmware Upgrade

Note:

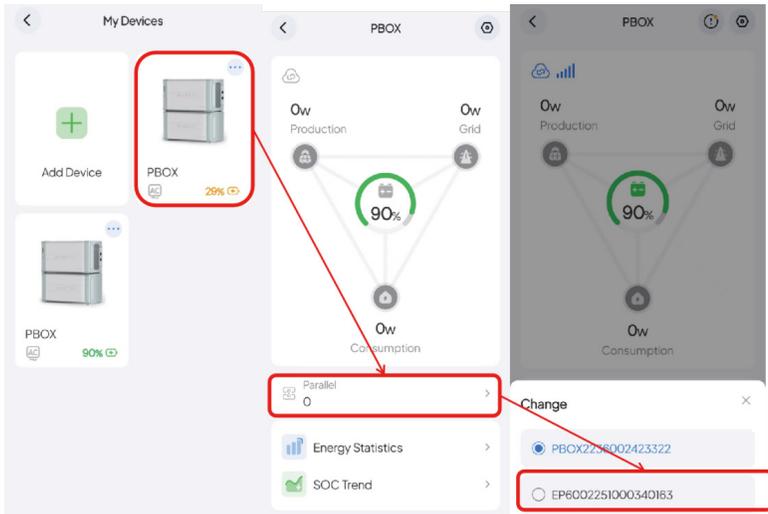
- Only available when you connect to the EP600 ESS via Bluetooth.
- For a stable connection, keep your phone and EP600 ESS close together (recommended range: 5m).
- During the upgrade, you cannot perform charging, discharging, or any other operations.

1. Tap My Devices on the app's Home page.
2. Tap  in the upper right corner of the device you want to upgrade on the My Devices page.
3. Tap Upgrade.
4. The app will jump to the Firmware Upgrade page.



### 5.3 Distinguish between Master and slave devices

Once both devices are bound, go to the main interface of the app and click on Parallel, then you can see the name of the product corresponding to that serial number, and then write down the names of the two products.



### 5.3 Distinguish between Master and slave devices

Here is an example:

Device 1:

PBOX2236002423322

**EP6002326000001749**

Device 2:

PBOX2236002429371

**EP6002251000343163**

Here we choose two serial numbers, the one with the smaller number as the Master.

(EP600**2251000340163** < EP600**2326000001749**)

So we'll go with the smaller serial number here as the Master

**PBOX2236002423322**

**EP6002251000340163**

## 5.4 Applying for expert authorization of APP

Operation steps :

Users need to use the advanced features of the app, register an BLUETTI APP account first, and then apply to become an advanced user through the link below,

<https://h5.bluettipower.com/app/apply-vip/index.html>

Note: This feature is only used for advanced user permission application and approval. If it is for a corporate installer, please go through BLUETT. The STAR process involves submitting corresponding qualifications, and after review, becoming our registered installer will automatically grant the installer role permissions.

After the user fills out the application, our department reviews and approves the application, and then the pro mode is available to the user.

## 5.5 Reconnecting the cables

As shown in the figure below, two connected EP600s ,

### Step 1 : Distinction master and slave

Here we have made a distinction, with **one on the left** being the Slave and **one on the right** being the Master.

Note: The smaller serial NO. of EP600 is the Master ,and the CTs are connecting on the Master.

Master: EP600**2251000340163** (just for example)

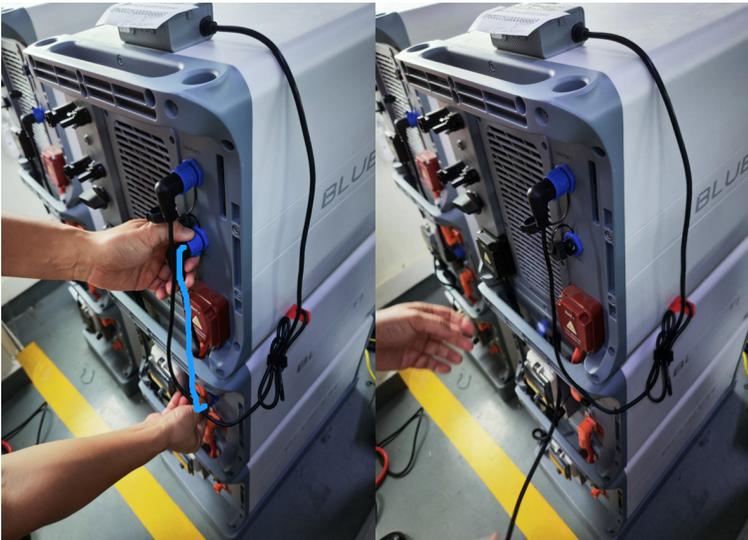
Slave: EP600**2326000001749** (just for example)



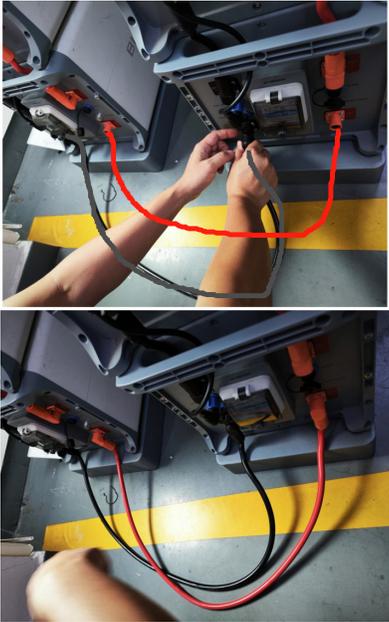
Step 2 : Remove the IOT box of the slave, i.e. the EP600 on the left.



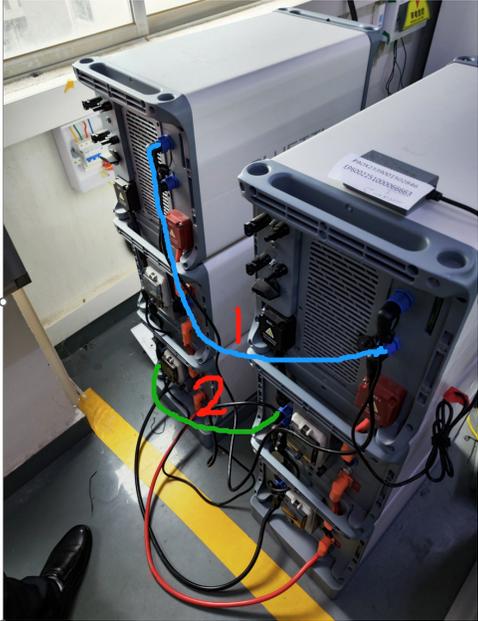
Step 3 : Remove the signal cable (connecting EP600 and B500) from the Master, i.e. the EP600 on the right.



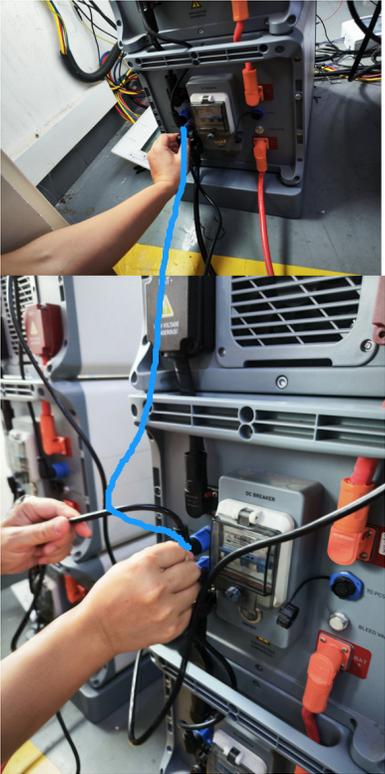
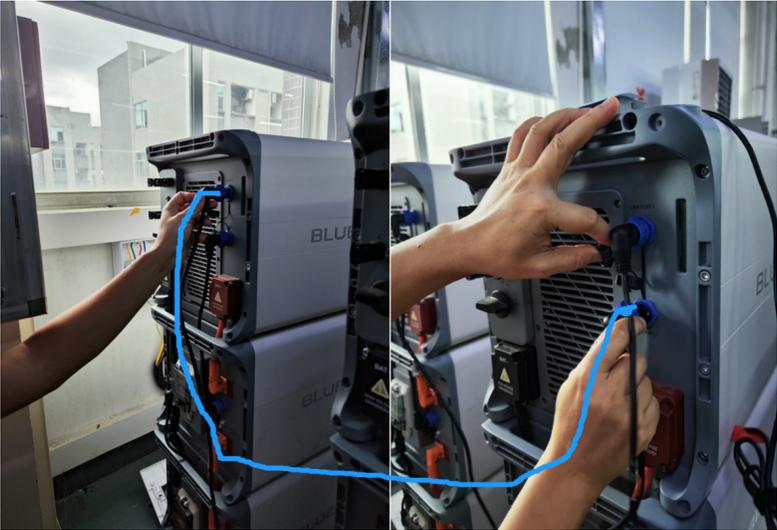
**Step 4 : Connect the red and black battery cables**



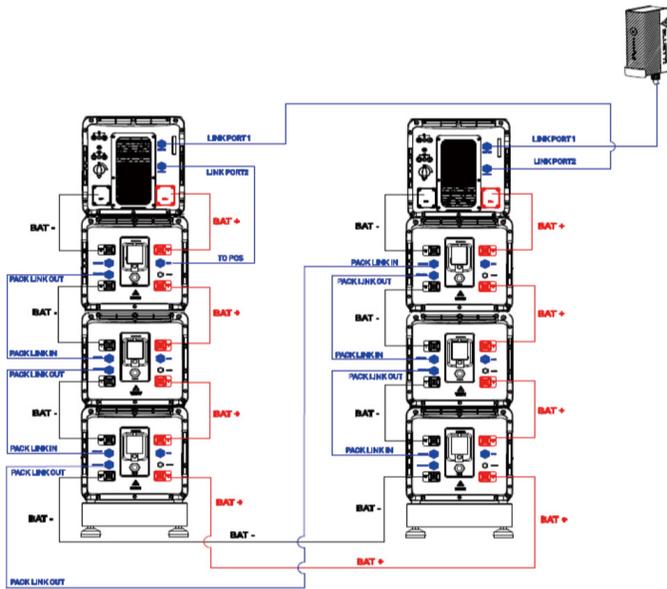
**Step5 : Connect the two new communication lines as shown below**



Details as following :



NOTE: The final batteries and communication wiring diagram is as follows, please check it :



### 5.6: Turns on the Batteries



## 5.7 Turns on the system in the APP

APP turn on the **system switch**, turn on **Off-grid Parallel** inside Pro Mode

