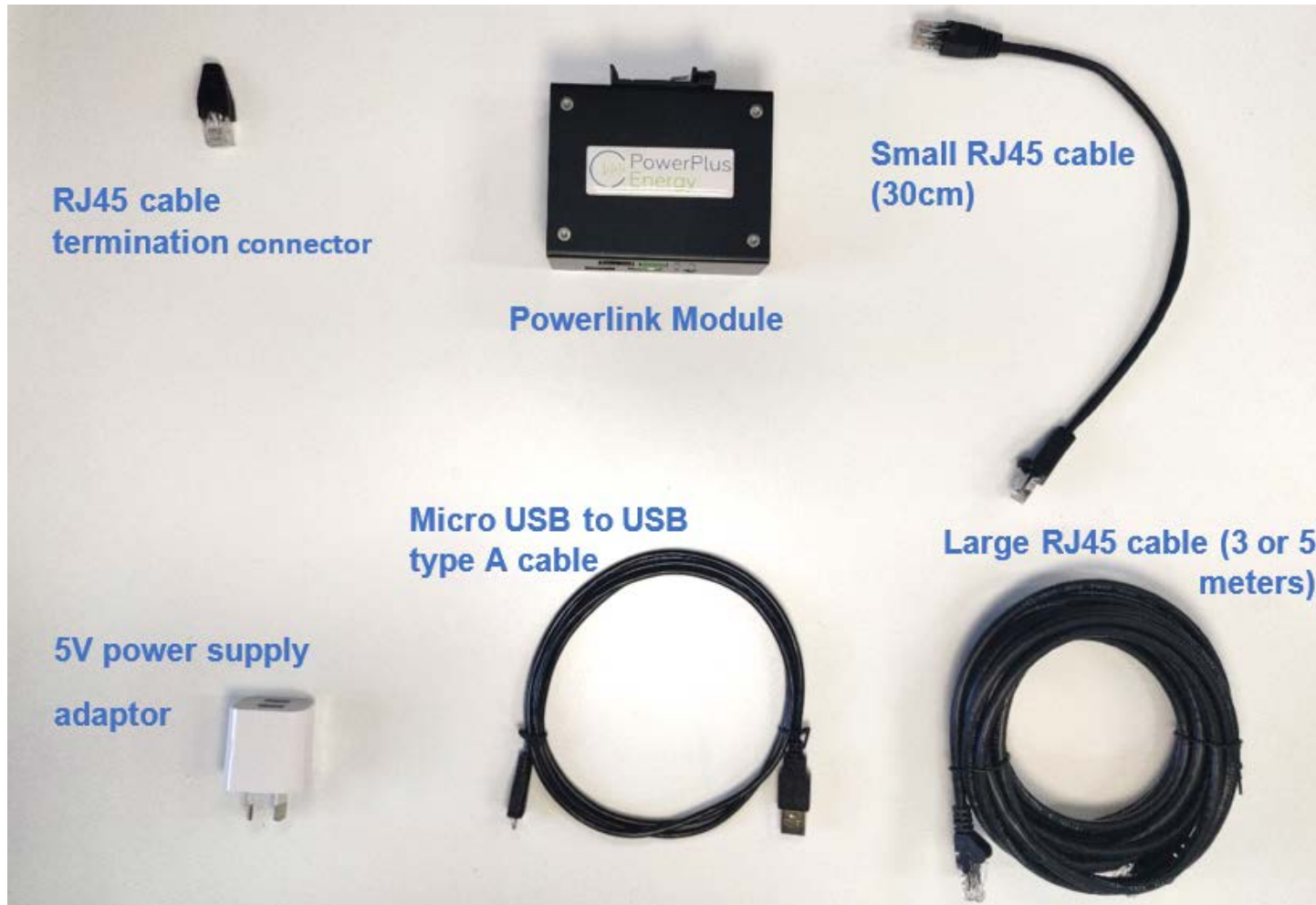


## Powerlink Module setup and monitoring batteries procedure



# Powerlink setup and battery monitoring



1 Connect the micro USB cable from the 5V power adaptor to the Powerlink port shown in the picture.



2 Connect the 5V power adaptor to the main AC power outlet and Switch it ON.



3 The red LED will be ON now.

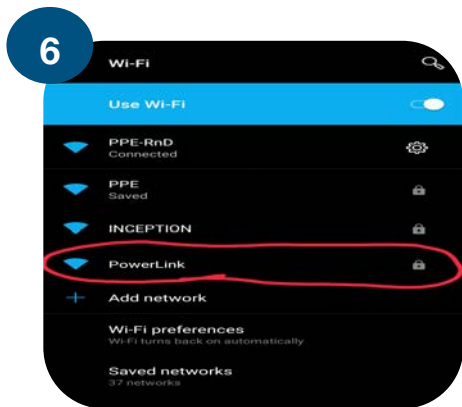


4 Connect the cable from the LAN modem (for the internet) to the Powerlink port shown in the picture. **Note: This port is next to the 4 USB ports**



5 LED indicators on the bottom will be ON now.

# Powerlink setup and battery monitoring



Open WiFi network menu in mobile or computer (Interface layout might be different from the picture). Select PPE-Powerlink-xxxx (xxxx will be digits)



Type the password **12345678**



Open the web browser. Type the address 192.168.0.10:8822  
It will open the home page as shown in the picture.



Press **configuration** button, a screen like the picture will open



Press **reset data** to remove any previous data from the Files.



enter the **Number of Batteries** to be scanned into the box and press **submit**.

# Powerlink setup and battery monitoring

Steps 8,9,10 are battery scanning procedure and battery scanning order should be from top to bottom in the rack.

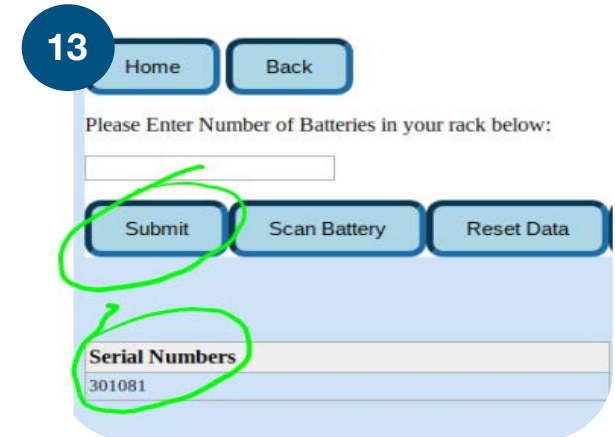


Take the longest RJ45 cable and connect the cable black colour RJ45 port.

**Note: please make sure, the cable is connected to the correct port in the Powerlink**



Connect the other RJ45 cable end to the battery need to be scanned.



Press **Scan** in the Battery management screen and after couple of seconds, you will see battery (BMS) serial number as in the picture.

- Repeat the steps 9 and 10 in every other battery.
- Confirm the number of serial numbers is same as number of batteries in the battery rack.

## Powerlink setup and battery monitoring

14



Replace the long RJ45 cable with suitable length RJ45 cable to connect in the top battery.

15



Connect the other end to top battery in the rack.

16



Connect another small RJ45 cable to the remaining port in the same battery.

17



Connect the other end into next battery (Daisy chain).

18



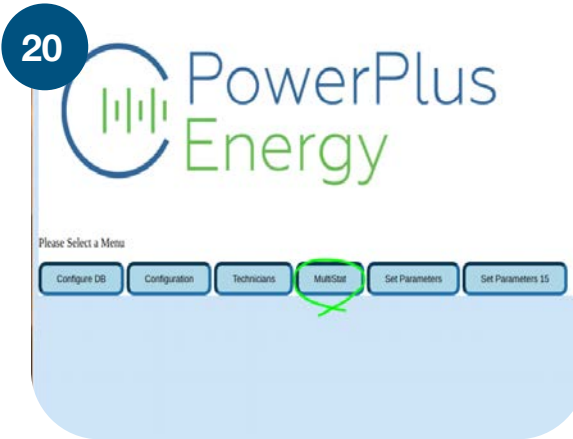
Repeat the daisy chain connection till last battery.

# Powerlink setup and battery monitoring



19

Connect the RJ45 termination connector in the remaining slot on the last battery.



20

After 1-2 minutes, go to **MultiStat** (available on the home page).



21

Verify that all the batteries are responding.



22

**Congratulations!**

**The battery monitoring configuration procedure is completed**

# Powerlink setup and battery monitoring

(login to Grafana for GUI/graphical data)

If you are not able to see the battery status in mutlistat window, press **Restart polling** button in configuration page and repeat step 19 & 20.