

Balco 260 Smart Meter Setup Guide (Shelly Pro 3EM)

💡 Before You Begin

- Download the latest BLUETTI app.
- Ensure your phone, Balco 260, and Shelly Pro 3EM are all within range of the same 2.4 GHz Wi-Fi network.

1. Install the Shelly Pro 3EM

Watch the installation video for detailed instructions:

https://youtu.be/EM8niNvUM_A

Note: Make sure the arrows on the current transformer (CT) clamps point in the direction of energy flow (**Grid** → **Load**).

2. Connect the Shelly Pro 3EM to Wi-Fi

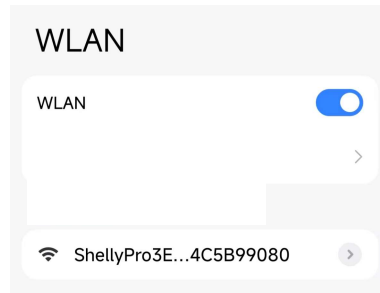
Step 1: Reset the Smart Meter

1. Make sure the Shelly Pro 3EM is powered on.
2. Press and hold the **Reset** button for at least 10 seconds until the **Wi-Fi** indicator flashes. The smart meter then enters **Access Point (AP)** mode.



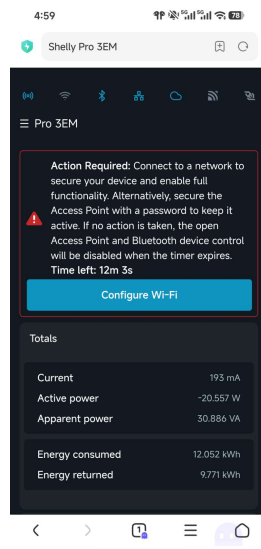
Step 2: Connect to the Temporary Wi-Fi Network

Open Wi-Fi settings on your phone, then connect to the temporary Wi-Fi network named **ShellyPro3EM-XXXXXXXXXX**. No password is required.

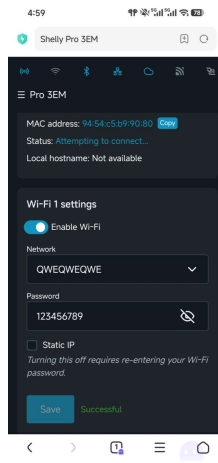


Step 3: Configure Wi-Fi

1. Open a browser and go to **192.168.33.1**.
2. Tap **Configure Wi-Fi**.



3. Turn on **Enable Wi-Fi**.
4. Select your home Wi-Fi network and enter the password.
5. Tap **Save**. When **Successful** appears, the settings have been saved.



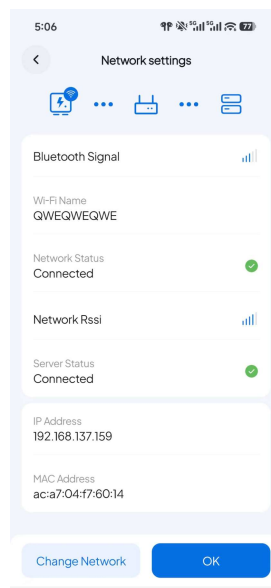
Step 4: Reconnect to Your Home Wi-Fi

The Shelly Pro 3EM automatically restarts and connects to your home Wi-Fi network. Reconnect your phone to the same Wi-Fi network as the Shelly Pro 3EM.

3. Add the Shelly Pro 3EM to the BLUETTI App

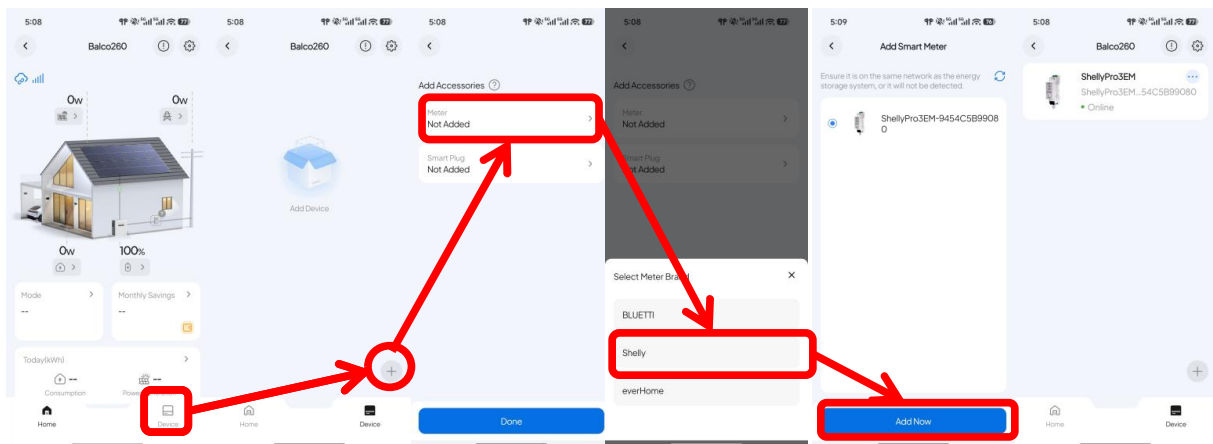
Step 1: Verify the Wi-Fi Connection

1. Bind your Balco 260 in the BLUETTI app, then go to its device page.
2. Tap  to enter **Network Settings**.
3. Make sure the Balco 260 and Shelly Pro 3EM are on the same Wi-Fi network.



Step 2: Add the Smart Meter

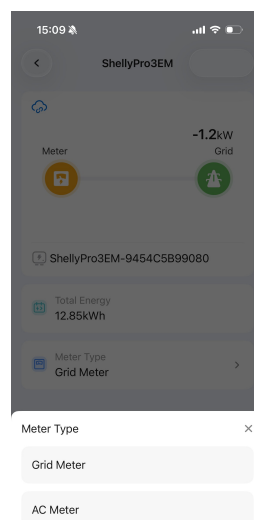
1. Tap **Device** on the Balco 260's device page.
2. Tap  in the lower-right corner.
3. Tap **Meter** and select **Shelly**. The app automatically searches for compatible devices.
4. Select your Shelly Pro 3EM and tap **Add Now** to complete pairing.



4. Verify the Setup

Step 1: Set the Meter Type

Enter the Shelly Pro 3EM's device page, and set **Meter Type** to **Grid Meter**.



Step 2: Check the CT Clamp Direction

1. Charge the portable power station from the grid.
2. Check the charging power and energy flow in the BLUETTI app.
 - If the power value is positive and the energy flow is Grid → Meter, the CT clamps are installed correctly.
 - If the power value is negative and the energy flow is Meter → Grid, the CT clamps are installed in the wrong direction. Rotate the clamps 180°, reinstall them, and check the readings again.

