

**MARSHALL**



2023

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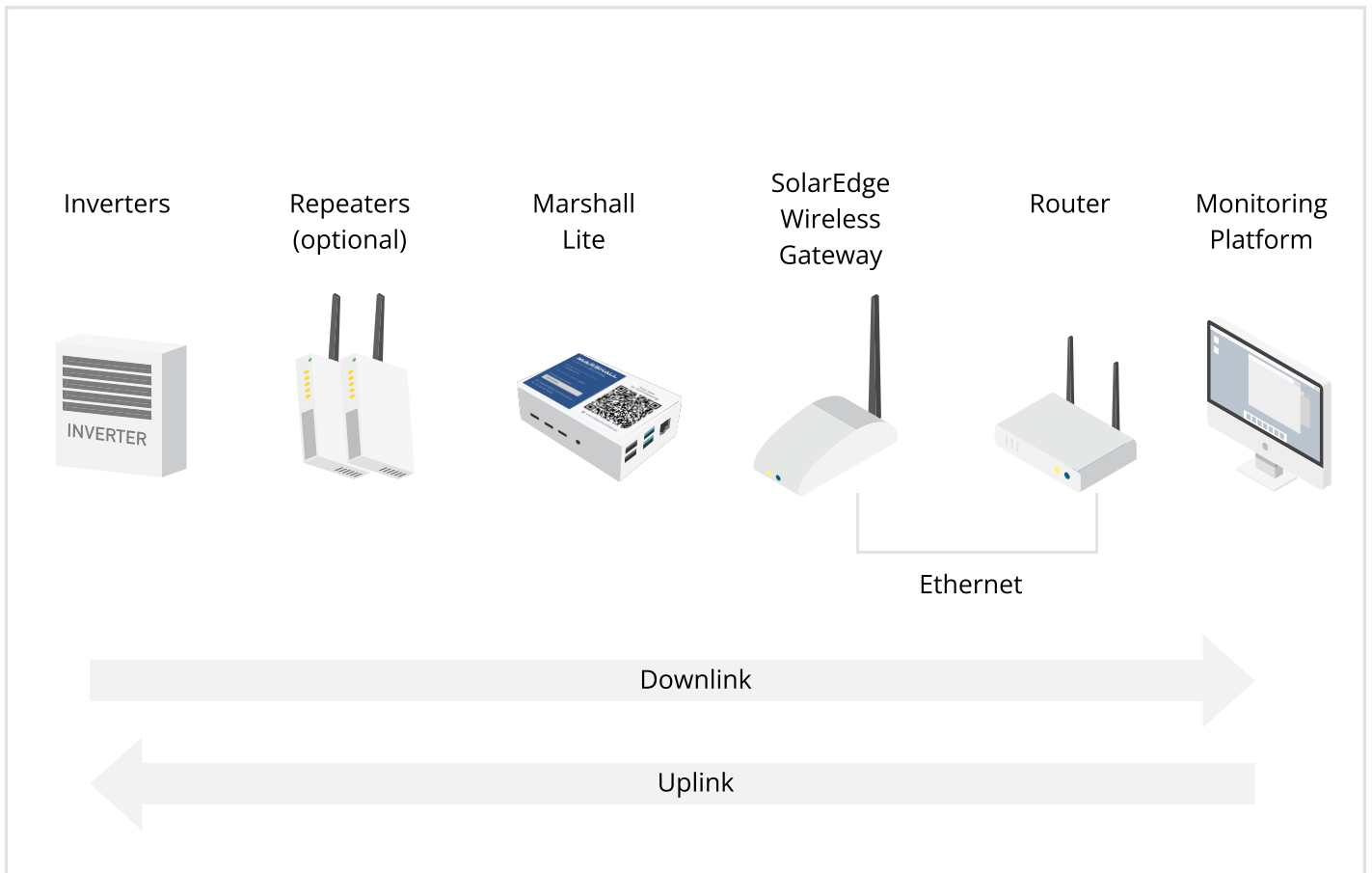
# Device Config (SolarEdge)

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## 1.0 Inverter Wi-Fi network Configuration

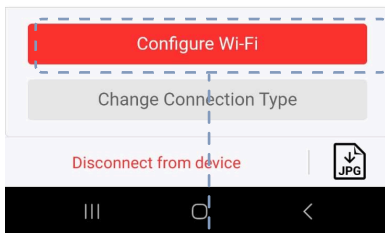
Open the SolarEdge SetApp to configure the inverter as below if this is the leader inverter or if there is one inverter on the site.

**Please connect the leader inverter and Marshall Blackbox/Lite to SolarEdge Wireless Gateway instead of connecting them to the site WiFi. For more information on connecting the inverters to the SolarEdge Wireless Gateway, please refer to the installation guide titled 'Wireless Gateway and Wireless Repeater.'**

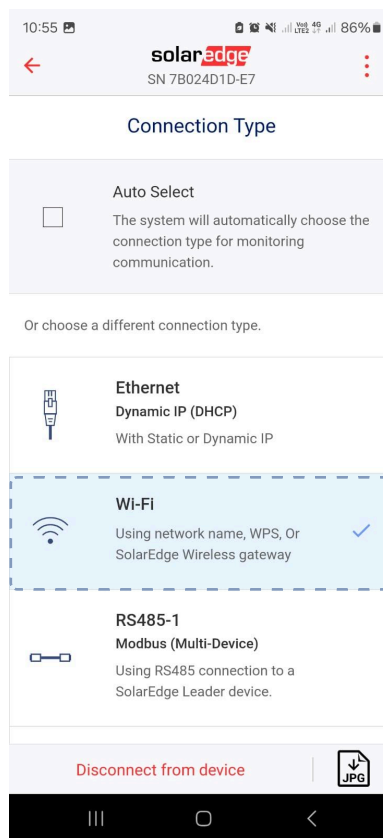


Ensure all the devices (inverter and Marshall Blackbox) are properly connected as illustrated in the diagram for seamless wireless communication.

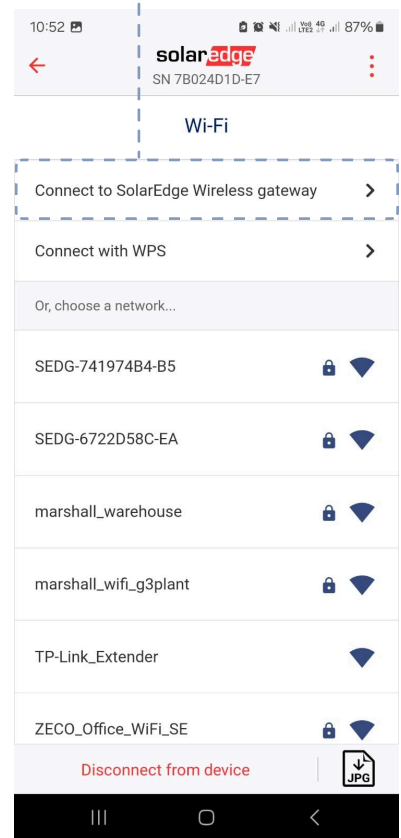
### 3. Please connect the inverter to the SolarEdge Wireless Gateway.



1. Please press the "Configure Wi-Fi" button to initiate the configuration process for connecting to the Wi-Fi network.



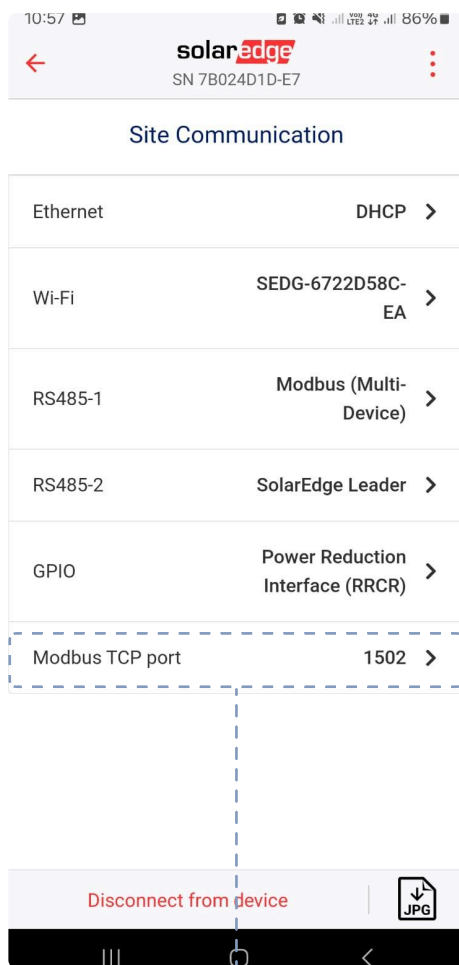
2. The connection type should be selected as "Wi-Fi" for configuring the connection.



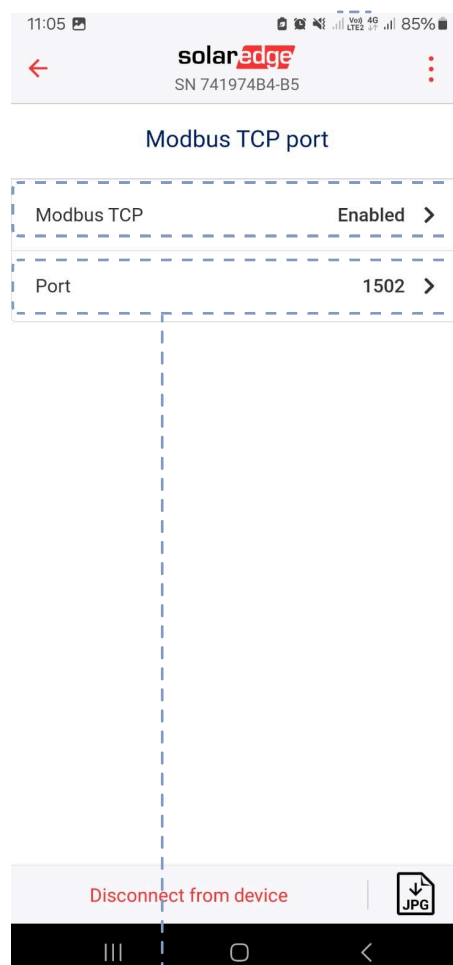
## 2.0 Inverter Site Communication Configuration (Leader)

Please follow the instructions below to configure your MODBUS settings:

### 2. Enable Modbus TCP

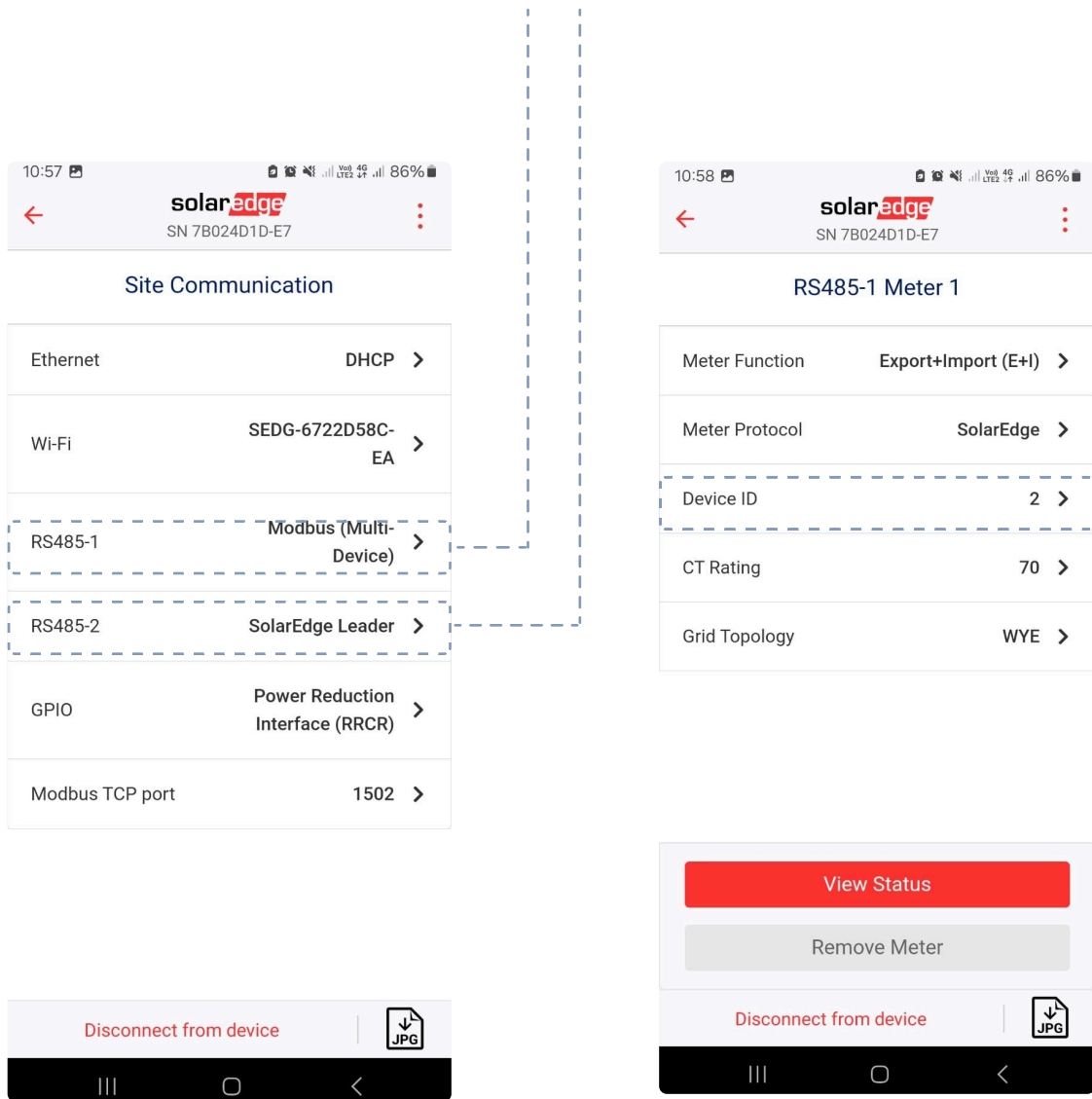


1. Select the **MODBUS TCP port** Tab to enable the settings



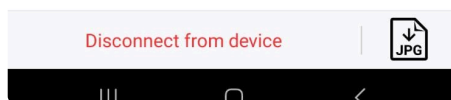
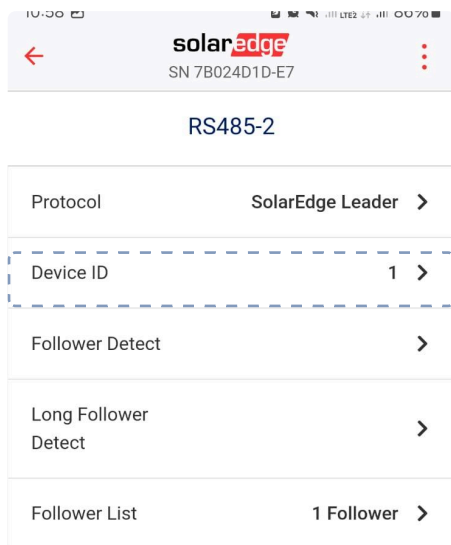
3. Select **port 1502**

4. Configure RS485-1 and RS485-2 settings for the leader device.



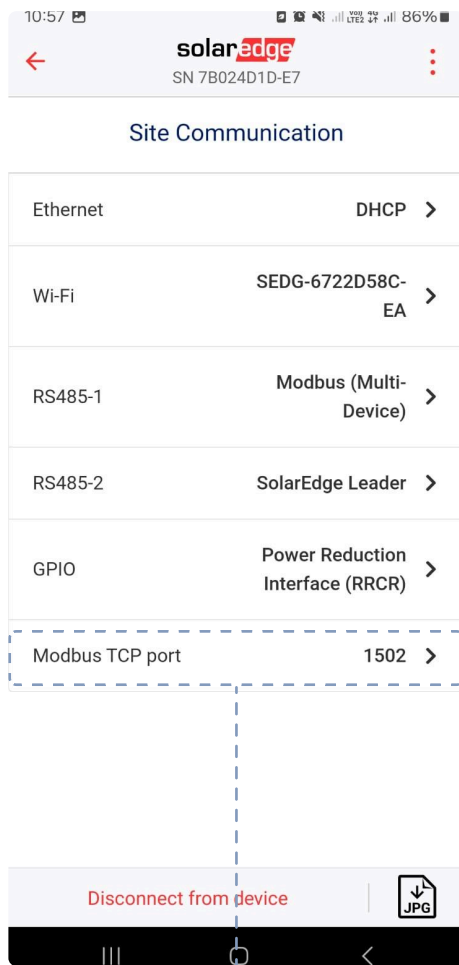
5. Select Device ID 2 for Export+Import (E+I) Meter

6. Select **Device ID 1** to enable communication with the Marshall Device.

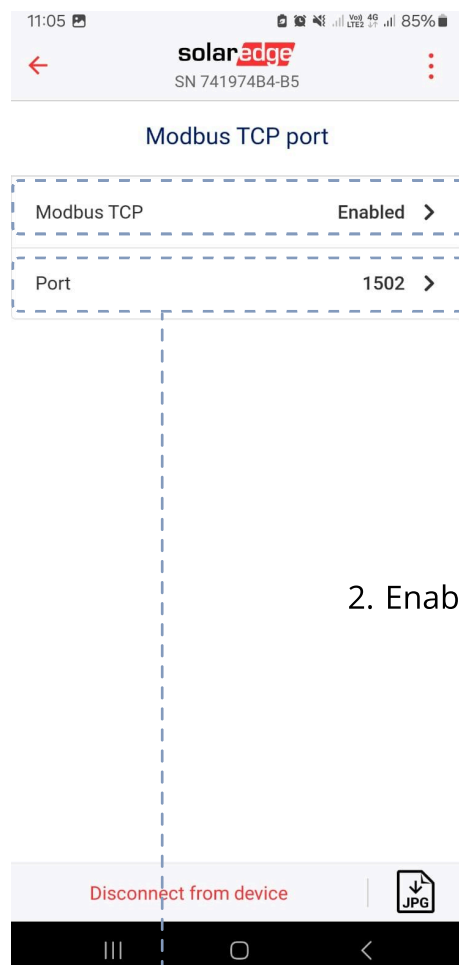


### 3.0 Inverter Site Communication Configuration - Follower

Please follow the instructions below to configure your MODBUS settings:



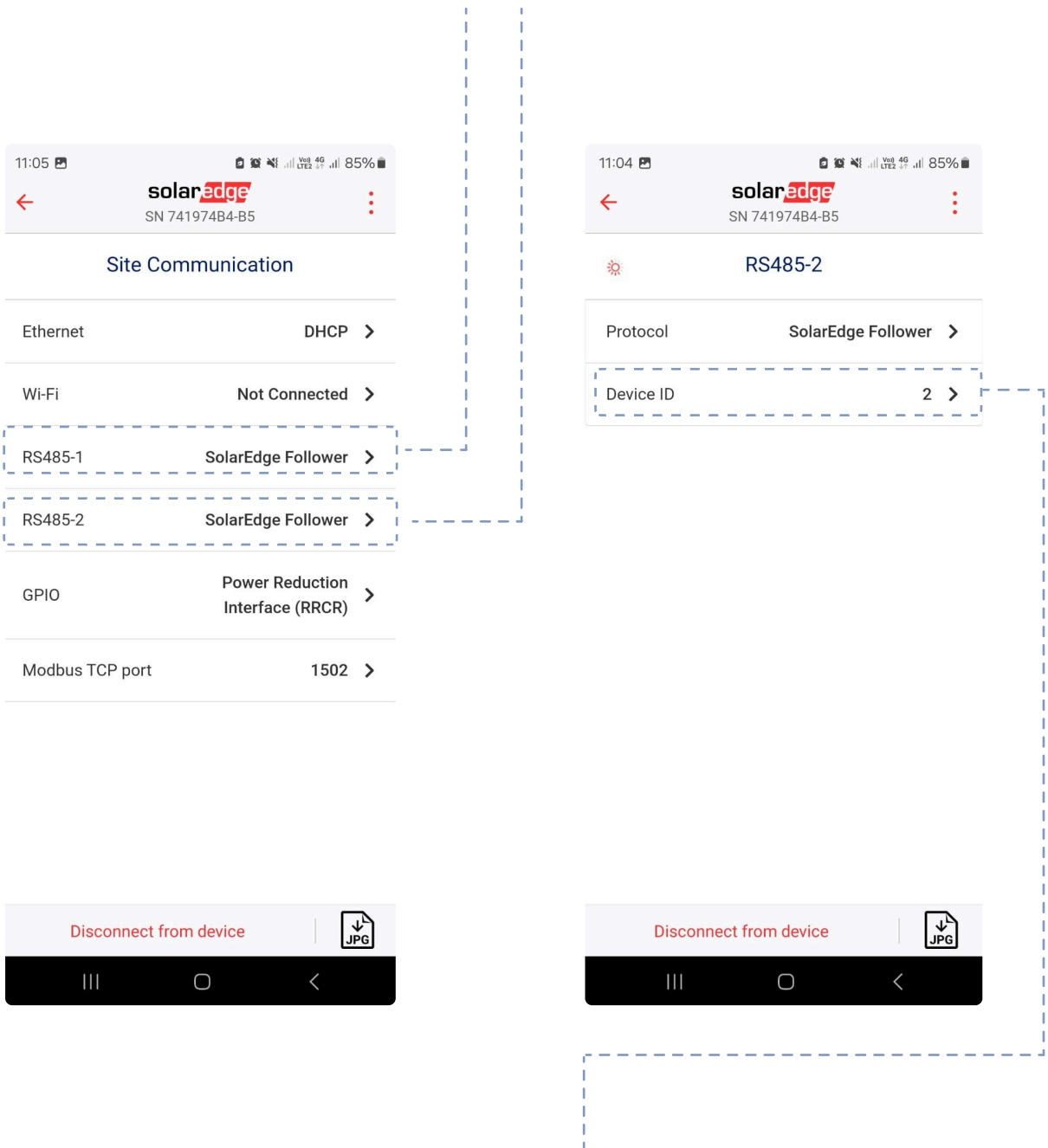
1. Select the **MODBUS TCP port** Tab to enable the settings



2. Enable **Modbus TCP**

3. Select **port 1502**

4. Configure RS485-1 and RS485-2 settings for the Follower device.

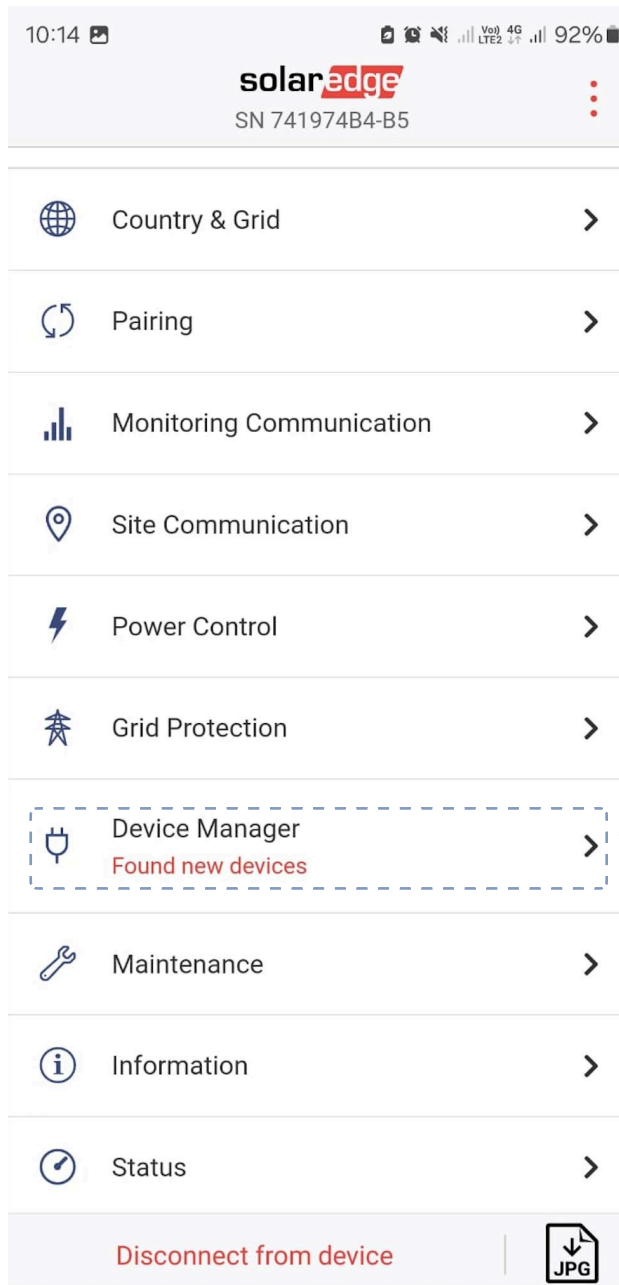


5. Select Device ID 2 (2 Onward if you have multiple followers. Each Follower should have one unique ID to communicate with the Leader) to enable communication with the Leader

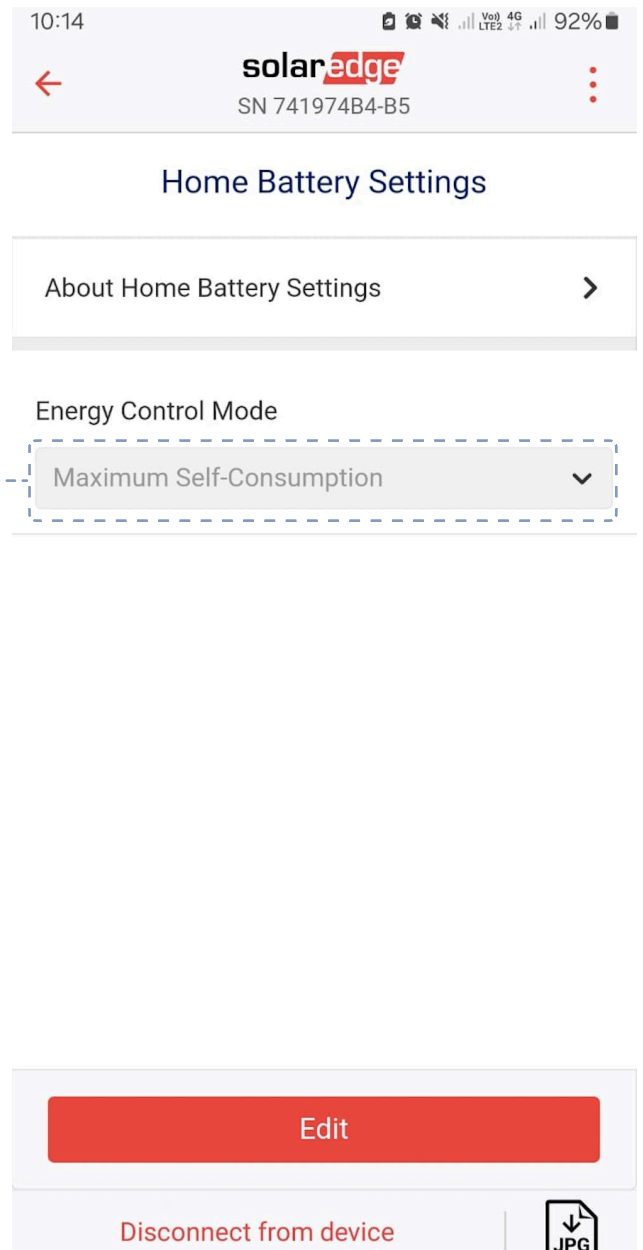
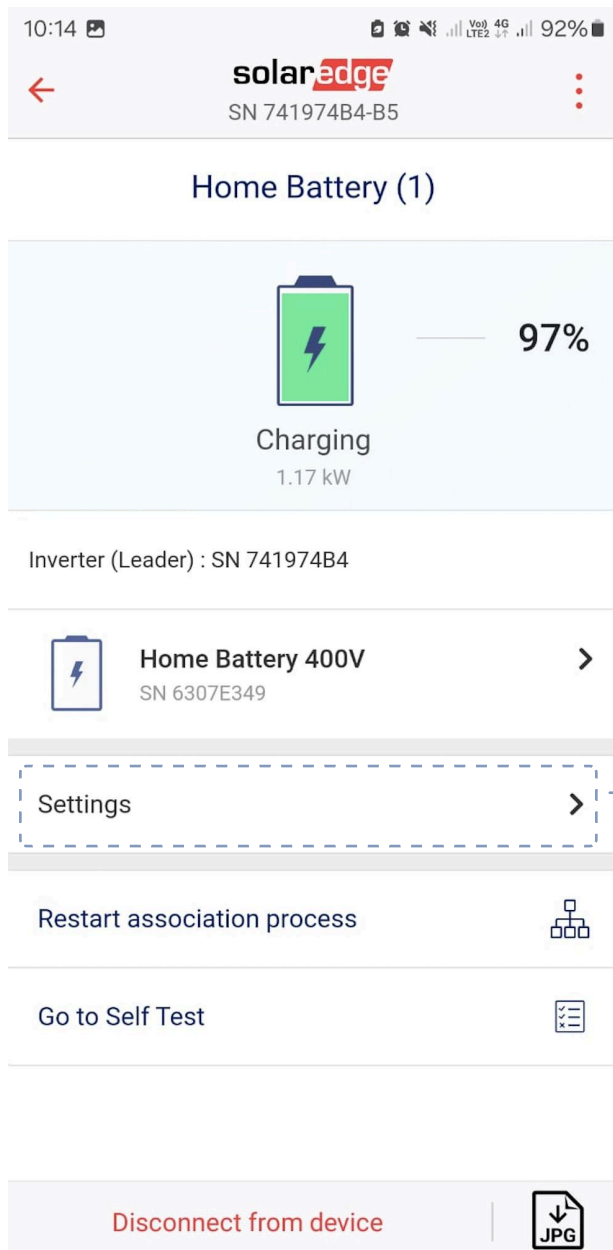


## 3.0 Site Battery Configuration

### 1. Open Device Manager in SolarEdge SetApp



2. Open Battery Settings in the Home Battery tab



3. Set the Energy Control Mode to Maximum Self-Consumption

4. For more details on SolarEdge battery commissioning, please refer to the SolarEdge Knowledge Center.