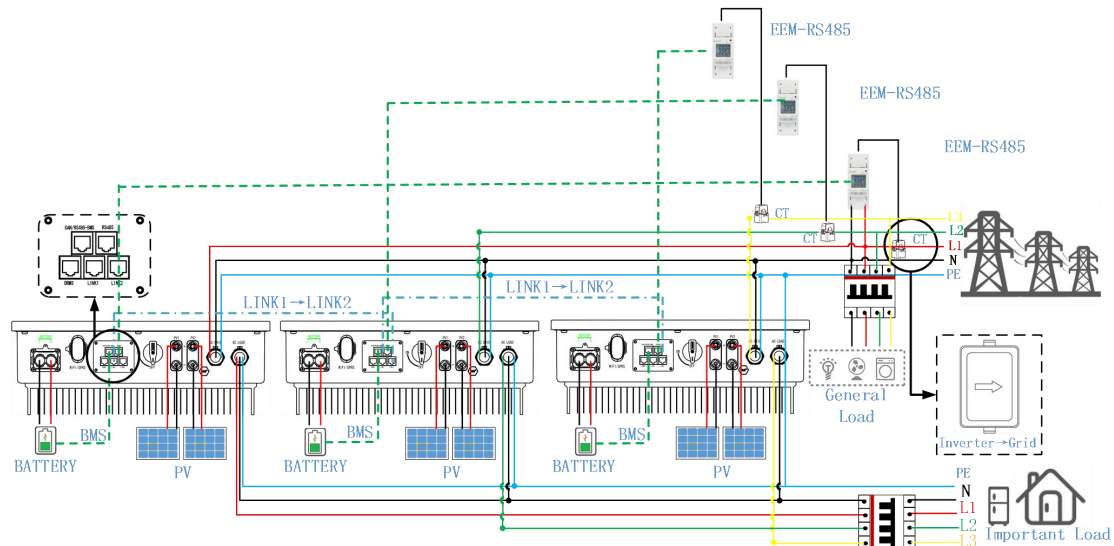
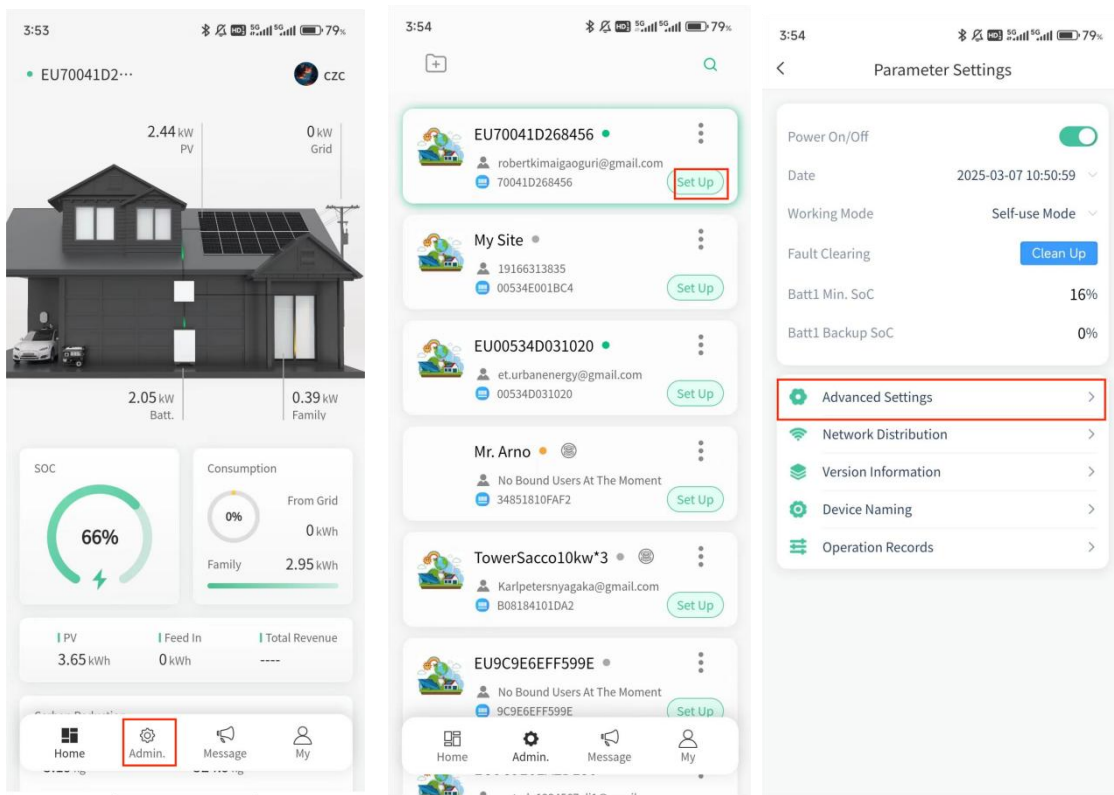


# Isuna 3000-6000S single-phase and three-phase parallel wiring and software settings

## 1.Parallel Connection Diagram



## 2.APP Settings





The number of device is set to 3, the is set to 1, 2, and 3 (Corresponding to the three phases A, B and C, 1 corresponds to phase A, 2 corresponds to phase B, and 3 corresponds to phase C), and 1 phase parallel mode is set to three-phase

**Note:**

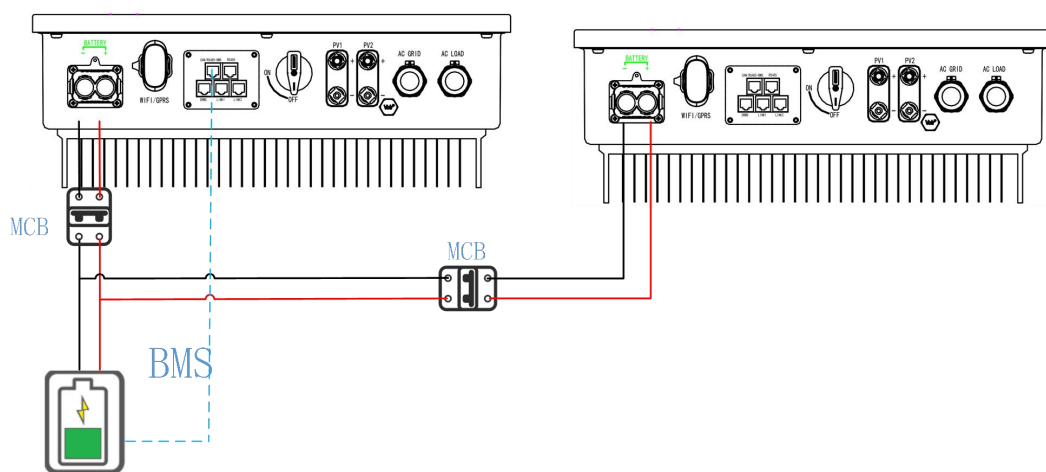
1. Ensure that each inverter is connected to a parallel cable
2. Ensure that the general Settings of each inverter are consistent, such as working mode and battery Settings
3. The mains input must be connected to three-phase AC power
4. When the load has both single-phase load and three-phase load, it is

necessary to ensure that the three-phase load power is as consistent as possible, and the three-phase load needs to add a phase-out protection circuit breaker to avoid the customer's three-phase equipment burning

5.Ensure that the meter of each inverter is connected to the corresponding phase sequence

When operating in parallel with a single battery, the wiring diagram for the battery section is shown in the figure below. The battery power lines are connected in parallel to each inverter, and the BMS communication cable is connected to the master unit (Unit 1 in the parallel configuration).

**Note:** An MCB (Miniature Circuit Breaker) must be added between each inverter and the battery to prevent a single device malfunction from causing a failure in the entire system.



Battery

In the APP settings, in addition to the parallel configuration mentioned above, the **1 Battery In Parallel** function must be additionally configured, as shown in the figure below.

