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iHomeManager Modbus Transfer User Guide

Instruction about Setting up Modbus Transfer Function for iHomeManager with third party EMS

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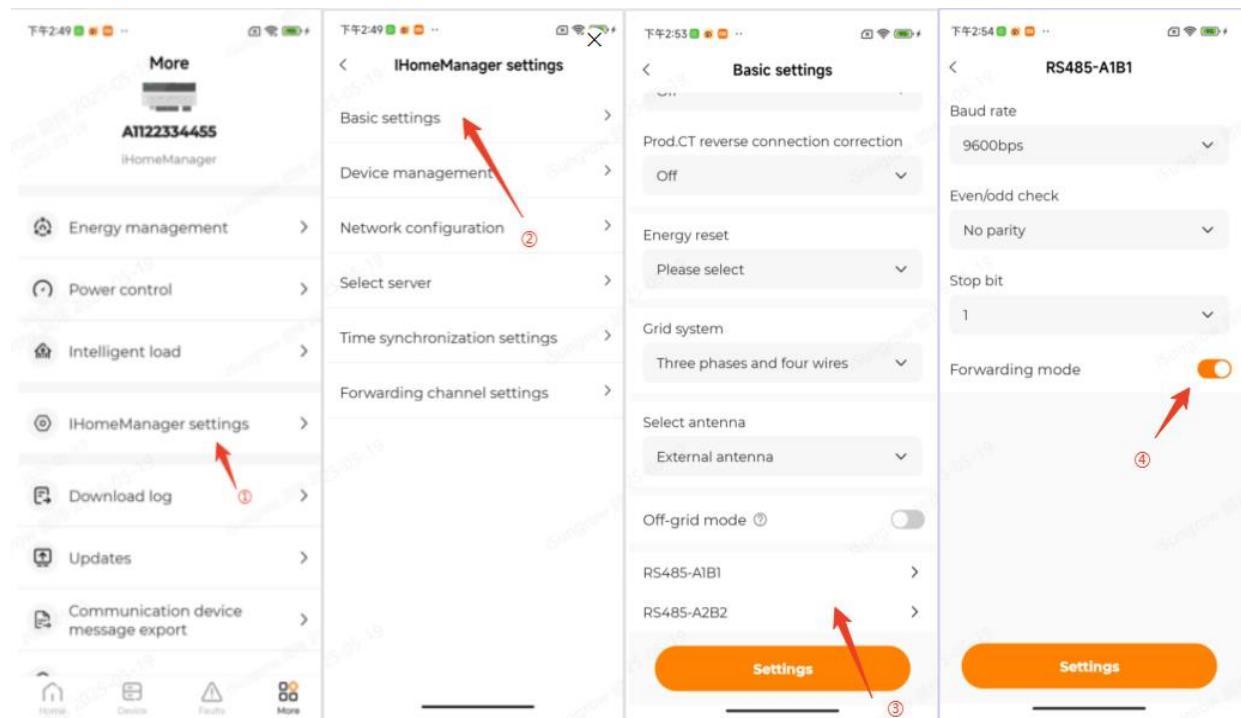
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Step 1: connect RS485 port A1/B1 or B1/B2 with the third party EMS

Step 2: set up iHomeManager setting for Modbus TCP

- 1.1 Go to More -> iHomeManager settings -> Basic settings -> Select RS485 (A1B1/A2B2 for which is connected with third party EMS) -> Open forwarding mode

Note: for what is shown in the picture is the default settings, make sure baud rate is the consistent with third party EMS settings.



- 1.2 Go to iHomeManager settings -> Forwarding channel settings -> open port 502/503/504 and (optional) SSL encryption

Note: SSL encryption certification is needed from third party EMS, this setting is optional to open if there is no certificate.

The image shows three screenshots of the iHomeManager mobile application:

- Left Screen (Main Menu):** Shows the main navigation menu with options like Energy management, Power control, Intelligent load, iHomeManager settings, Download log, Updates, and Communication device message export. A red arrow labeled ① points to the "iHomeManager settings" option.
- Middle Screen (iHomeManager settings):** Shows a list of settings including Basic settings, Device management, Network configuration, Select server, Time synchronization settings, and Forwarding channel settings. A red arrow labeled ② points to the "Forwarding channel settings" option.
- Right Screen (Forwarding channel settings):** A table with columns Local port, Channel switch, and SSL encryption. It lists ports 502, 503, and 504. The "Channel switch" column for port 502 has a red arrow pointing to it, labeled ③. The table also includes a row for SSL encryption.