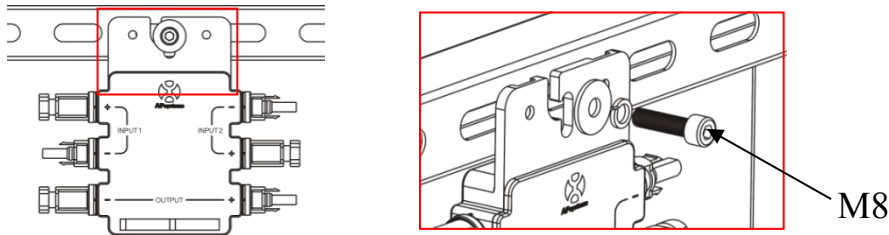
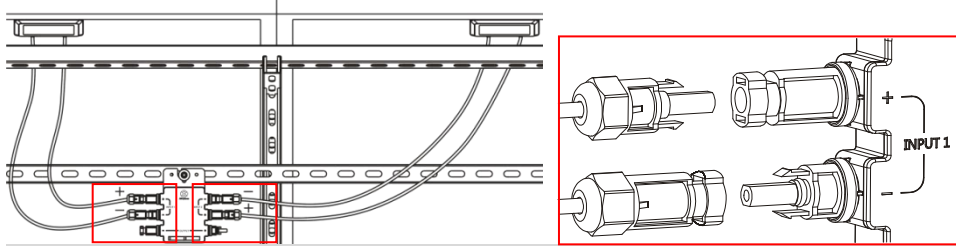


OPT700-RS Rapid Shutdown Device Quick Installation Guide

Step 1. Attaching the OPT700-RS to the Racking

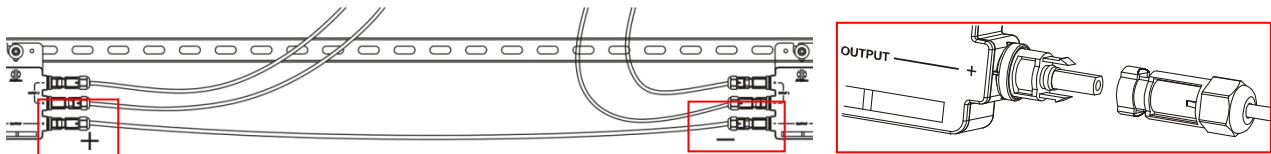


Step 2. Connecting OPT700-RS to the PV Module



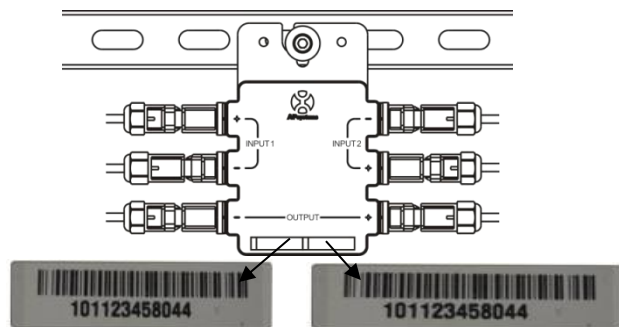
WARNING: Connect the PV module to the OPT700-RS INPUT1 interface when the OPT700-RS connects with one solar module. Also, use the DC extension cable to make the INPUT2 short-circuited, otherwise the OPT700-RS maybe destroyed.

Step 3. Connecting the OPT700-RS DC output Cables



Step 4. Completing the APsystems Installation Map

Each OPT700-RS has two removable serial number labels. Peel labels off, affix one to the respective location on the APsystems installation map, and affix another to the PV module frame such that it is easily visible.



Step 5. Connecting the OPT700-RS to inverter

Once verification is correct, connect the OPT700-RS to the inverter. Pay attention to polarity.

Step 6. Install ECU-R-RS

Power on ECU-R-RS with the DC adapter.

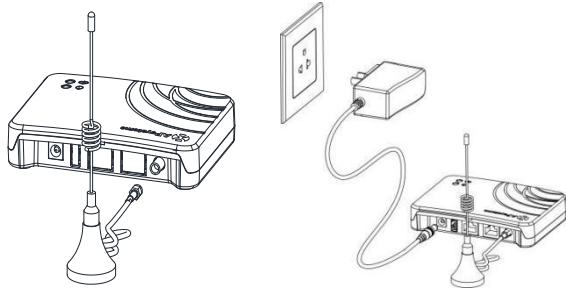
1. ECU-R-RS installed on the wall

The antenna wire of ECU-R-RS is connected to the antenna port of ECU-R-RS. Plug the power adapter into the DC input on the ECU-R-RS, and then plug the other end into a outlet.

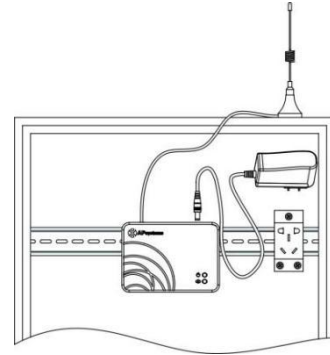
2. ECU-R-RS installed in the distribution box

- Install the guide socket on the guide rail of the distribution box (the guide socket is not provided by APsystems, please prepare by yourself).
- Connect the power adapter to the power connection port at the top of the ECU-R-RS.

1 ECU-R-RS installed on the wall



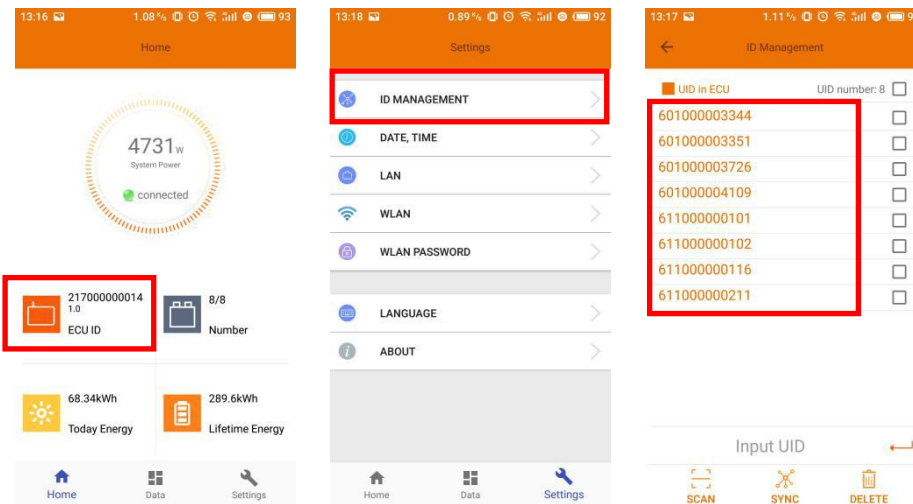
2 ECU-R-RS installed in grid connected cabinet



Step 7. Registered the OPT700-RS

Connecting the OPT700-RS to the inverter

Install 'ECU APP' on your mobile or ipad. Connect the ECU-R-RS WIFI hotspot ,which is 'ECU-R-XXXXXXXXXXXX(ID NO.)' .Check the corresponding ECU ID matched in the homepage. Manually add OPT700-RS UID to the ID management page. Monitor and manage OPT700-RS by using ECU APP.The registration process is refer to 《APsystems Energy Communication Unit ECU-R-RS user manual》 .



Step 8. System Detection

After registering, you can check the system state by ECU APP. If the colour of module turns green, which means the communication is good. But if it is gray,which means failure.

