



LoRa IoT Device Quick Start

Contents

1. Installation and Troubleshooting-----	2
2. Warranty Registration via ESS Pro App-----	5



Log in www.ecoer.com or Ecoer Smart Service (ESS) Pro App >**Systems** >**Add Unit** to get the newest guide.

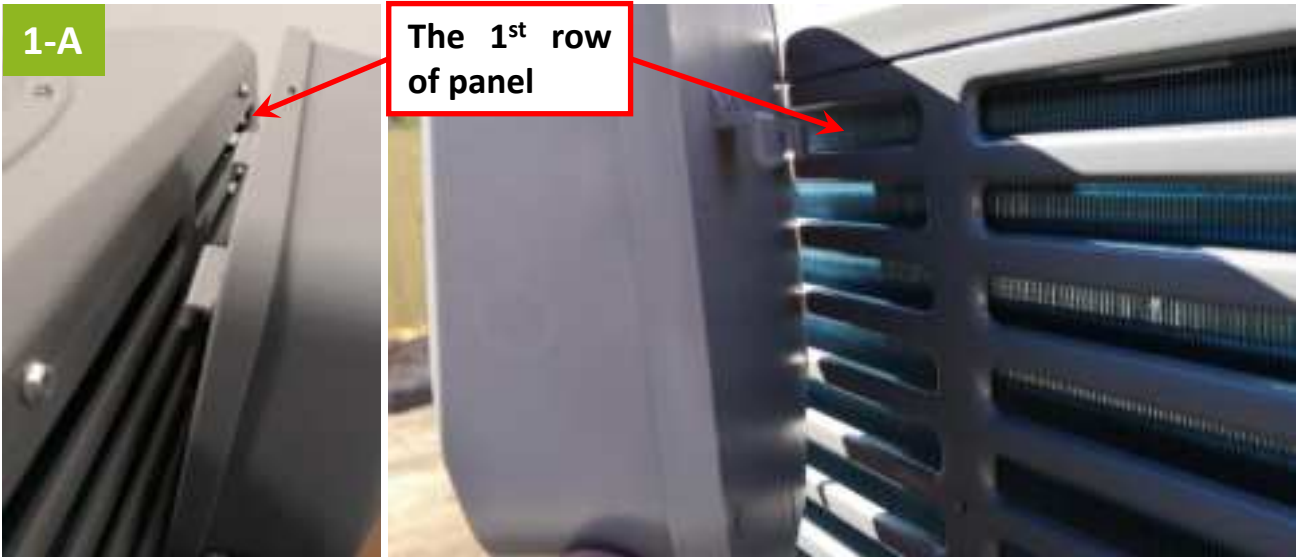


Part A. Installation and Troubleshooting

Ecoer Smart Inverter (ESI) Unitary systems come equipped with remote monitoring and self-diagnostics technology designed to save dealers’ time when installing and servicing.

Be sure to turn off the power supply for condensing unit prior to install the IoT device. Refer to the following steps to install this device.

1. To keep the best wireless network connectivity, choose one side of condensing unit that is further away from the wall to hang the IoT device. Use screw to tighten the device and belts to tie up the cable.



2. Unscrew the cable locker cap and securely fasten the **waterproof joint** to the reserved hole (plug has to be removed).



3. Plug the male blue terminal into CN11 (IoT) connector on main control board of condensing unit.

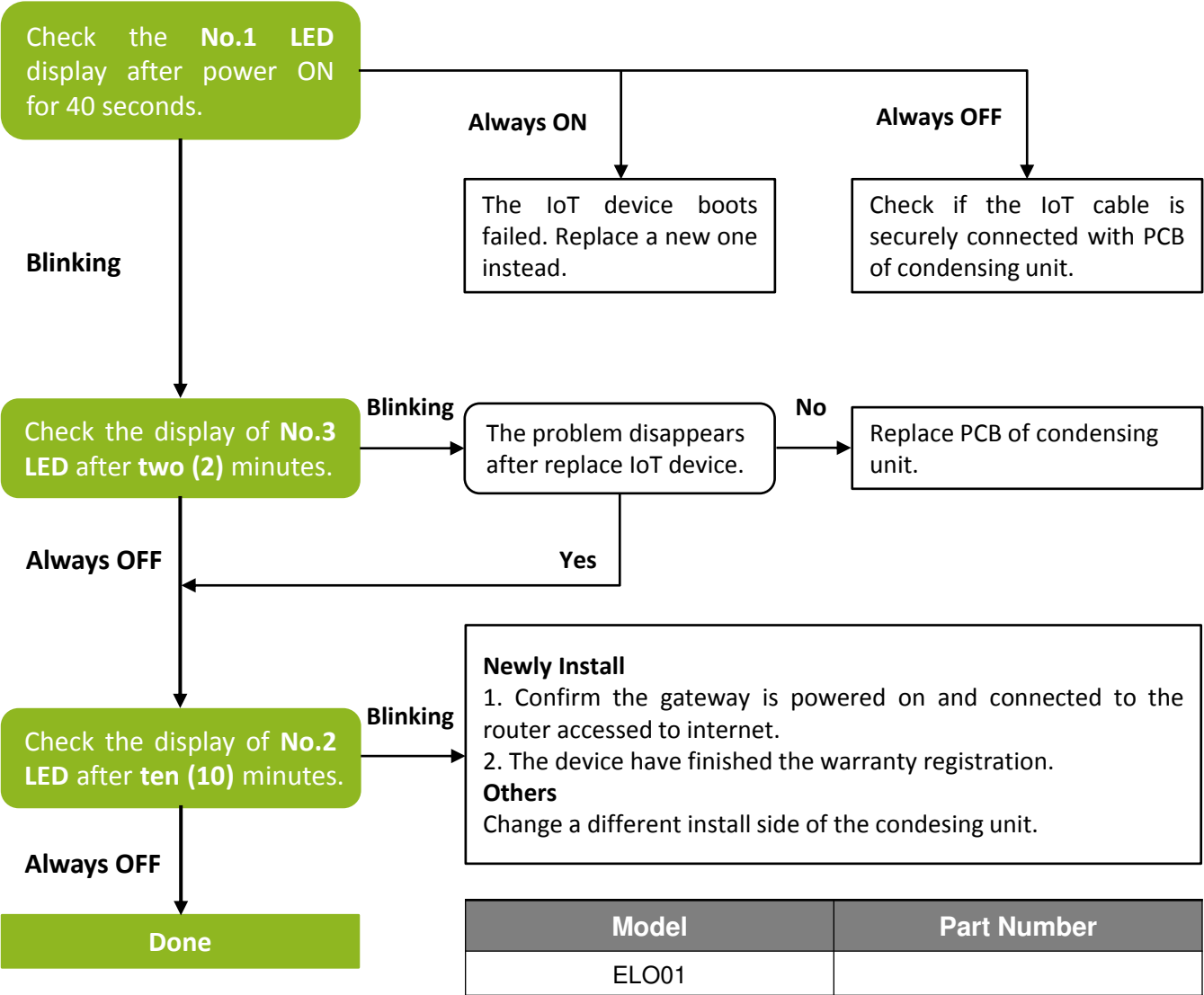


Power ON the condensing unit and check if the IoT device is working properly. The normal working state of IoT device should be the blue LED (No.1) is blinking with other LEDs light OFF.

No.	Color	Indications	Description	
1	Blue	IoT Device status	Always OFF	Power off
			Always ON	Booting
			Blinking	Running
2	Red	Connection to Gateway	Always OFF	Gateway connected
			Always ON	Booting
			Blinking	Gateway disconnected
3	Green	Connection to Local Unit	Always OFF	Local Unit connected
			Always ON	Booting
			Blinking	Local Unit disconnected



LEDs

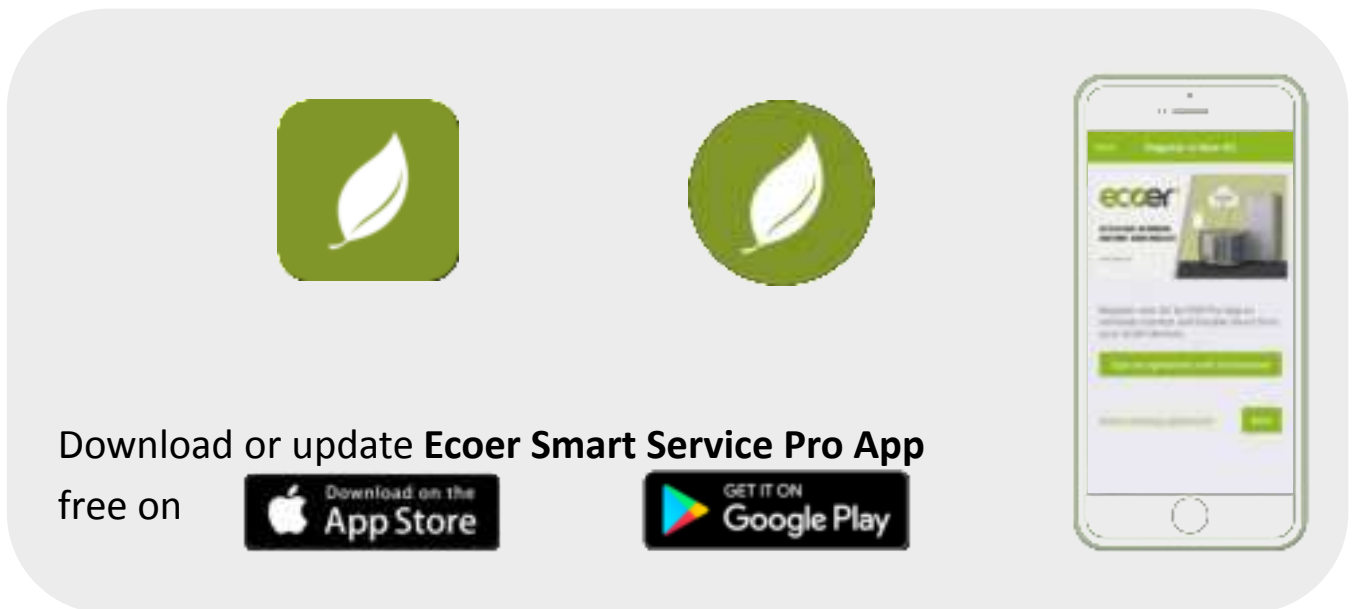


Part B. Warranty Registration via ESS Pro App

With the IoT device, Ecoer Inc. provides an easy way for dealers to help their customers complete registration via ESS Pro App in just minutes. Then dealers can monitor units' live data and perform remote field settings for the condensing unit. Working alongside the Ecoer Customer Service Team, the dealer can guarantee the installation and servicing quality.

Alternatively, homeowner / dealer / builder can register at www.ecoer.com. But it will not allow the dealer to monitor the system.

Search **ECOER** on App Store or Google Play now.



Steps of warranty registration *

1. Create an ecoer account
2. Add Unit (Register a new AC/HP)
 - Sign an agreement with homeowner
 - Scan/Input serial numbers to submit

*Log in www.ecoer.com or **ESS Pro App** > **Systems** > **Add Unit** to get the newest guide.

FCC WARNING

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To maintain compliance with FCC's RF Exposure guidelines, This equipment should be installed and operated with minimum 20cm distance between the radiator and your body: Use only the supplied antenna.

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