

Quick Start Installation Manual



EcoPort AC LTE-LP Module:
US08Ba/US08B



Conforms to UL Std. 916

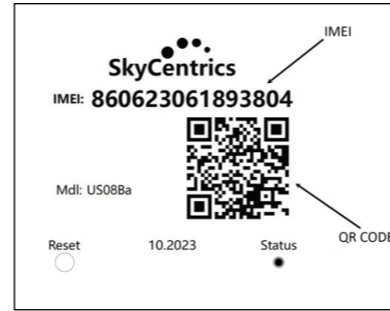
Getting to know your EcoPort Module:

Please read and follow all of the instructions, cautions, and warnings in this manual.

Your new EcoPort AC LTE-LP module allows your Smart Grid Device (SGD) to communicate with the grid. Grid communication can shift your energy use patterns to reduce your energy bill, cut carbon emissions, and support grid stability while maintaining your comfort.

Included in this Box:

- EcoPort AC LTE-LP Module (US08Ba or US08B)
- 2x metal screws to secure your EcoPort Module to your Smart Grid Device



RESET: Check your device's grid connection status, signal strength, and factory reset it if necessary.

See Table 1 for more information

STATUS: The 'Status' LED indicates grid connection (yes/no), and connection strength. See Table 2 for connection status, Table 3 for connection strength information

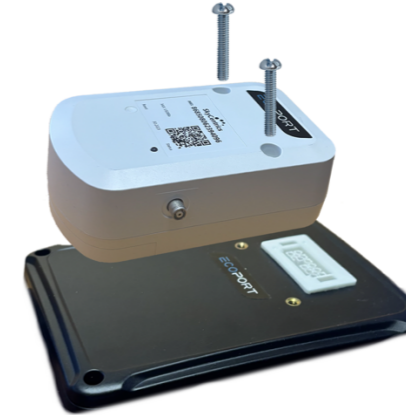
QR CODE: Scan the QR Code with the SkyCentrics FLEX app to enroll in utility energy management programs and earn incentives

IMEI: Your EcoPort Module's serial number

Installing your EcoPort Module:

To get started, you will need:

- Your EcoPort AC LTE-LP module
- Smart Grid Device with a CTA-2045 EcoPort socket
- A Phillips head screwdriver



Pictured above: Diagram of EcoPort Module installation into EcoPort socket.

Installation Guide:

- 1 Uncover the EcoPort socket on your Smart Grid Device. This is often on the top or side of your SGD and secured by two Phillips-head screws.
- 2 Plug your EcoPort module into the uncovered EcoPort socket.
- 3 The 'Status' LED on your EcoPort module should light up white, then eventually go blue. See Table 2 for details on 'Status' LED.
- 4 Once you have gotten a blue light, secure your EcoPort Module with the screws provided in the box.

Note: The light does not have to stay blue! Once you have seen blue ONCE you have successfully connected to the cellular network.

Participation in your Utility Energy Management Program

Your EcoPort AC LTE-LP Module enables your Smart Grid Device to receive requests from and respond to the demands of the electrical grid.

Connecting your Smart Grid Device may allow you to enroll in utility programs. These programs provide incentives in exchange for shifting the energy use patterns of your device. For more information on program eligibility, visit findmyprogram.com

To participate in a Utility Energy Management Program, please ensure your Smart Grid Device is in "Grid Enabled" mode. This is commonly found in the settings menu.

Table 1 – Reset Button

Function	Action	Description
Check Signal Strength	Push button and release quickly	LED will blink 3x in a color indicating signal strength (see Table 3)
System Reset	Hold button down for 3 seconds and release	Resets EcoPort module software
Factory Reset	Hold button down for 7 seconds until LED goes off, then release	Restores the EcoPort module to factory settings

Table 2 – LED Status Indicator

Color	Pattern	Description
Off	-	Module is not receiving power
White	Solid	Module is powered and starting up, getting ready to connect to grid
	Blinking	Module trying to connect to grid (may take a few minutes if signal is weak)
Blue	Solid	SUCCESS! Unit is connected to the grid
Red	Solid	Unable to connect to grid at the moment

Table 3 – LED Signal Strength Check

Briefly push 'Reset' button to check signal strength

Color	Pattern	Signal Strength
Green	Blinking	Strong Signal (RSRP between 0 and -80db)
Yellow	Blinking	Average Signal (RSRP between -80 and -120db)
Red	Blinking	Weak Signal (RSRP weaker than -120db)

Regulatory Notices:

FCC: This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.

Caution: Changes or modifications to this equipment not expressly approved by the party responsible for compliance (Skycentrics, Inc.) could void the user's authority to operate the equipment.

Troubleshooting:

Immediate Red Light on 'Status' LED:

- If 'Status' LED immediately goes red (no blinking white at all), the SIM card is improperly installed or not present. Please remove the screw on the back of your EcoPort module to ensure SIM card is fully inserted in its slot.

Red Light on 'Status' LED after Seeing Blinking/Solid White (no blue)

- Poor signal. If you have an external antenna, please remove your EcoPort Module from your Smart Grid Device, screw in the external antenna to the metal port on the right side of your module, and reattach your module to the Smart Grid Device.