

Quick Start Installation Manual



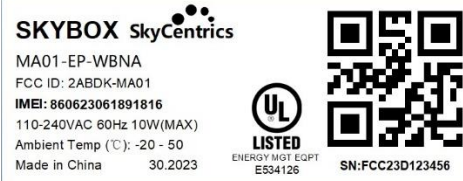
SkyBox
MA01-EP-WBNA



1. Getting to know SkyBox

Your new SkyBox allows your commercial equipment to have a CTA-2045-B port to communicate to the grid to shift the time of use of your device to benefit the grid, reduce your costs, and maintain your comfort.

MA01-EP-WBNA



RESET: A button which can be pressed to factory reset the SkyBox. See Table 1 for more information.

QR SYMBOL: The QR symbol has information that may be scanned.
SN: Serial Number

Please copy the Serial number below for your records.

SN: _____

YOUR DEVICE: _____

2. Review the requirements

To get started, you will need:

- Your SkyBox
- Your equipment that has modbus or bacnet communications
- NEMA 5-15P IEC-320-C13 AC Power Cord (Rating 10 A / 125 VAC) *, NEMA 6-15P IEC-320-C13 AC Power Cord (Rating 10 A / 250 VAC), or NEMA L21-30P to IEC-320-C13 Power Cord (Rating 15 A / 208 VAC)
- * included

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

3. Install the SkyBox

1. Plug the equipment modbus or bacnet communications into the ethernet RJ-45 port .
2. Plug power into the SkyBox.



4. Connect to your LTE network

Your SkyBox only needs to be plugged in to connect automatically to the grid.

5. Participation in your Utility Energy Management Program

The SkyBox enables your commercial equipment to be informed of power grid conditions and to respond intelligently when a CTA-2045 Universal Communications Module (UCM) is installed and successfully connects to the grid. This allows your equipment to become a CTA-2045 Smart Grid Device (SGD) to support the grid.

Your utility's energy management program may collectively optimize power use when necessary to support the power grid. The result is a more efficient and reliable system. This also helps maintain lower electricity rates.

Function	Action	Description
System Reset	Hold button down for 3 seconds and release	Resets SkyBox configuration to the default settings.
Factory Reset	Hold button down for 7 seconds until LED goes off, then release	Restores the SkyBox to factory settings.

Table 1 — Reset button

Color	Pattern	Description
Off		SkyBox is not receiving power.
White	Solid	SkyBox is powered and connected to a local network.
	Blinking	SkyBox trying to connect to a local network.

Table 2 — LED Status Indicator

Color	Pattern	Description
Off		SkyBox is not receiving power.
Blue	Solid	SkyBox is powered and connected to the LTE network.
	Blinking	SkyBox trying to connect to the LTE network.

Table 3 — LED Status Indicator

Warning :

To reduce the risk of electric shock, this equipment has a grounding type plug, that has a third (grounding) pin. This plug will only fit into a grounding type outlet. If the plug does not fit into the outlet, contact a qualified electrician to install the proper outlet. Do not change the plug in any way.