

EMU-2TM Energy Monitoring Unit

Quick Start Guide

FCC/IC Notices

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. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

FCC/IC RF Exposure Statement

This equipment complies with FCC and Industry Canada radiation exposure limits set forth for an uncontrolled environment. The antenna(s) used for this equipment must be installed to provide a separation distance of at least 8 inches (20cm) from all persons.

ICES-003 Compliance

This Class B digital apparatus complies with Canadian ICES-003.

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.

Compliance Regulations For Australia and New Zealand

This equipment complies with the C-Tick labeling requirements for Australia and in New Zealand. As a radio transmitter, this device complies with the requirements of AS/NZS 4268:2008 as designated in the Radiocommunications (Short Range Devices) Standard 2004 for Australia and as required by the Radiocommunications Regulations (General Users Radio License for Short Range Devices) Notice 2011 for New Zealand. This device is a Category A device as defined in the Radiocommunications (Compliance Labeling - Electromagnetic Radiation) Notice 2003.

Step 1: Check Contents of the box

The box should contain the following items:

EMU-2TM Display unit, AC Power Adapter, 2 x AAA batteries

Step 2: Register your **EMU-2**TM

Your **EMU-2**TM must be registered with your utility to connect to the smart meter. It may come to you preregistered. If so, you can skip to the next step. If not, you will need to contact your utility to register your device. You will need the following information, which is found on the Information Label on the back of your **EMU-2**TM:



Note that it may take some time for your utility to enable the smart meter to connect with your device. You must wait until this process is complete before proceeding; your **EMU-2**TM will not function correctly until the smart meter is enabled.

Step 3: Power up your **EMU-2**TM

Plug the AC Adapter into a power outlet, and plug the other end of the cord into your **EMU-2**TM.

You can also install the batteries, if you wish: remove the battery door at the back of the unit; insert 2 AAA batteries exactly as shown on inside of the battery compartment; replace the battery cover. Note that putting a battery in backwards can be hazardous, and may cause extensive damage to your **EMU-2**TM. Always use alkaline batteries; never mix battery types. Replace all batteries at the same time

Step 4: Wait for your **EMU-2**TM to join the smart meter

The **EMU-2**TM will attempt to connect to the smart meter. This could take 1-2 minutes. When your **EMU-2**TM finds the smart meter and successfully communicates with it, you will see the *Current Time* screen, with dashes instead of digits. As soon as the dashes are replaced with the current time and date, it means that your **EMU-2**TM is reading the meter data.



Step 5: Configure your **EMU-2**TM

- Press both of the buttons on your **EMU-2**TM simultaneously and release.
- Press the Bottom Button to skip the *Restart* screen.
- Press the Top Button to select the language you would like to use; press the Bottom Button to save your selection.
- If your meter does not provide pricing (ask your utility), you will need to set your electricity price. The digit to be modified will be flashing, starting on the right, and working left. After you have entered all 5 digits of the energy price, you will see the *Billing Dates* screen.
- Press the Bottom Button to see the *Battery* screen.
- Press any button to return to the *Current Time* screen. Your **EMU-2**TM is ready to use.

