

Quick-Start Guide

Energy Display – INSTEON® In-Home Display

Model: 2448A2



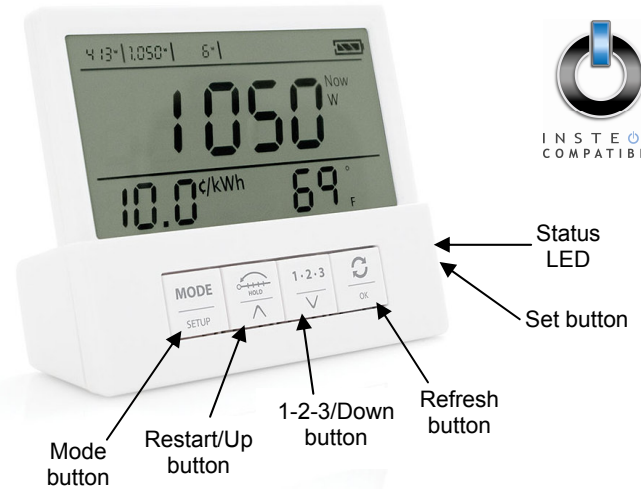
Introduction

Energy Display reads power consumption information from INSTEON meter devices such as iMeter Solo (#2423A1). Also displays current power use, average energy use per month, and average cost per-month based on your monthly billing rate.

Installation

Be sure you have properly installed at least one dual-band INSTEON device and an INSTEON meter device.

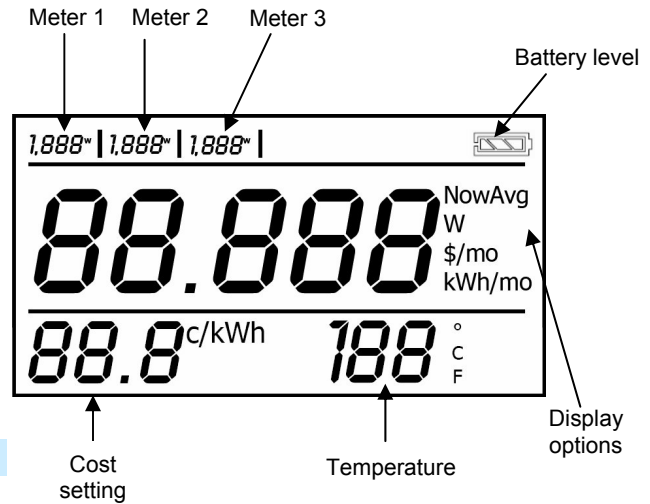
- 1) Remove the battery compartment and install the two AAA batteries (included), and then replace the cover
The Energy Display screen will turn on all LCD segments. After a few seconds, the screen will go to Display Mode.



Linking to an INSTEON Meter Device

- 1) Be sure the device you wish to monitor is on and connected to a INSTEON meter device
- 2) Tap the 1-2-3/Down button until Meter 1 position is blinking (use Meter 2 and 3 for subsequent meters)
- 3) Set Energy Display to Linking Mode* by pressing & holding the Energy Display Set button until it beeps (3 seconds)
The Energy Display Status LED will begin blinking GREEN
- 4) On the meter device, press & hold the Set button until it beeps (3 seconds)
Energy Display will double-beep and its Status LED will turn off. A few moments later the Energy Display will show information for the device you are metering.

*Setup Modes will automatically time out after 4 minutes.



Using Energy Display – Display Mode

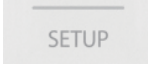
Data is retrieved when:

- Energy Display is first Linked to a meter device
- Refresh button is tapped while Energy Display is in Display Mode
- Any button is tapped in Standby Mode

Power-related information will display for one minute before Energy Display enters Standby Mode. In Standby Mode, only the battery level and temperature will display. Tap any button to exit Standby Mode and return to Display Mode.

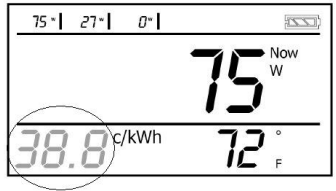


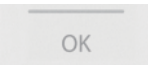
Button	Action
	<ul style="list-style-type: none"> • Tap to cycle between display setting options: <ul style="list-style-type: none"> • Instantaneous Watts used (Now W) • Average cost per month (Avg \$/mo) • Average energy used per month (Avg kWh/mo) • Press & hold until the cost setting field begins blinking to enter Setup Mode.
	Press & hold for until it beeps (10 seconds) to reset the energy value for the currently displayed meter (for calculating average energy used and cost/month)
	Tap to cycle between each meter device to be displayed (Meter 1, 2, or 3) <i>The Energy Display will display information about your meter device after a few seconds.</i>
	Tap to read current information for all meter devices

Configuring Energy Display – Setup Modes

Button	Action
	To enter Setup Mode, press & hold the Mode/Setup button until the cost setting field begins blinking. Then tap the Mode/Setup button to cycle to the desired settings.

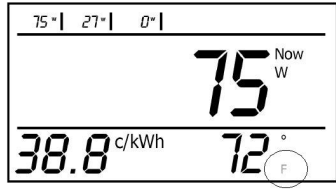


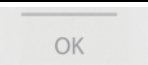
Cost Setting

Range is 0.1 to 999 cents/kWhr (\$9.99/kWhr). Once the counter reaches 999 cents, it will reset to 0.1 cents. The default is 10 cents.

Button	Action	
	Tap up to increase or down to decrease the cost. If cost is less than 100 cents, cost will change by 0.1 cents.	
	If cost is greater than 100 cents, cost will change by 1 cent. Press & hold to continuously increase or decrease cost.	
	Tap to accept current Cost setting and exit Setup Mode	

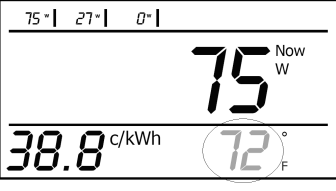


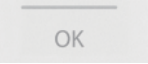
Temperature Format Setting

Format toggles between Celsius and Fahrenheit. The default is Fahrenheit.

Button	Action	
	Tap to toggle the temperature display between Celsius and Fahrenheit	
		
	Tap to accept current Temperature Format setting and exit Setup Mode	

Temperature Calibration Mode

The Energy Display temperature comes pre-calibrated. Only perform these steps if re-calibration is necessary. Please allow 20 minutes for temperature to adjust when moving to an area with a significant temperature change.

Button	Action	
	Tap to set local temperature (based on a thermostat or other device) Note: Place Energy Display close to your temperature reference device (e.g., thermostat or thermometer) for approximately 20 minutes to ensure it is settled to a stable temperature.	
		
	Tap to accept current local temperature	

Owner's Manual & Tech Support

Owner's Manual: www.smarthome.com/manuals/2448A2.pdf

For the most up-to-date Quick Start Guide visit <http://www.smarthome.com/manuals/2448A2qs.pdf>

INSTEON Gold Support Line: 800-762-7845