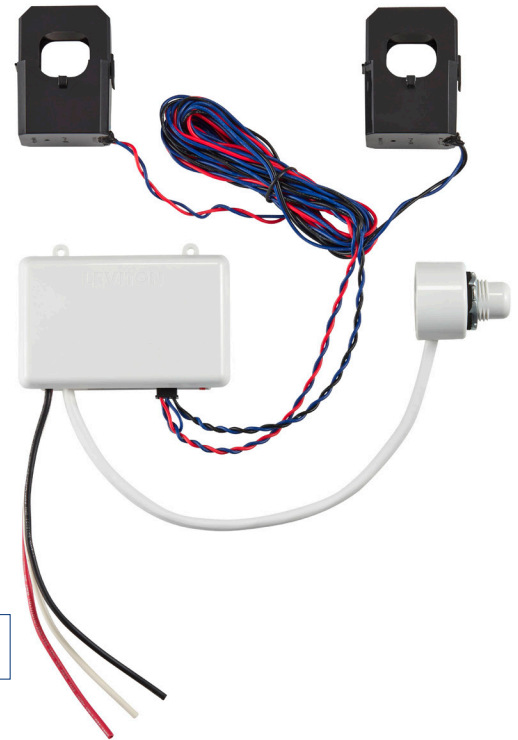
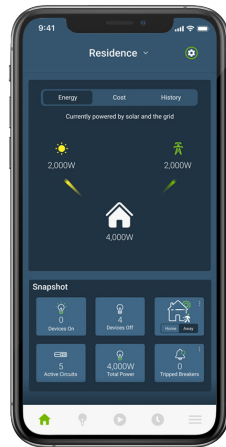


# Load Center Whole Home Energy Monitor and Current Transformers



## APPLICATION

Leviton's Whole Home Energy Monitor (LWHEM) is the smart solution for your home's electrical system. It provides real-time, whole-home energy use data, including consumption from the grid, and production from alternate energy sources such as solar, battery, or generator. Paired with 2<sup>nd</sup> Gen Smart Circuit Breakers, the LWHEM provides unparalleled control of your Load Center, including the ability to remotely turn circuit breakers OFF and ON, and schedule circuit activity based on day/time.

The Whole Home Energy Monitor includes one pair of Smart Mains Metering Accessory (LSMMA) CTs to monitor the Load Center's service mains, and can support up to two additional pairs of LSMMA CTs to monitor alternate energy sources for an aggregate view of energy consumption and production.

## OUR MOST ADVANCED ENERGY MONITOR

Leviton's 2<sup>nd</sup> Gen Smart Load Center portfolio provides the most modular and cost-effective way to integrate the home electrical system with an Automatic Transfer Switch, eliminating the need for a secondary Essential Loads Panel, and allowing users to prioritize which circuits to install Smart Circuit Breakers on. Users can configure 2<sup>nd</sup> Gen Smart Circuit Breakers installed on high-current loads as nonessential to automatically shed them when compatible generator power is active, preserving energy for essential circuits in the home.

## THE MY LEVITON SOLUTION

The My Leviton app delivers a streamlined Smart Home and Energy Management experience by unifying control, scheduling, and personalization of Leviton Smart Circuit Breakers, Decora Smart Wi-Fi Lighting, and Evr-Green Electric Vehicle Chargers in a single interface, allowing homeowners to view their energy use trends and coordinate activity to conserve energy and save money.

## INFORMED AND SECURE

Anomaly detection technology sends alerts via the My Leviton app if a circuit is drawing power for an unusual length of time, so homeowners can prevent a disaster from happening, even when they aren't home.

# PRODUCT SPECIFICATIONS

## FEATURES AND BENEFITS

- Connects to your home's Wi-Fi network
- Integrates with Automatic Transfer Switch via contact interface
- Configure Essential and Nonessential circuits in the My Leviton app to shed high-current nonessentials loads when backup power is active
- Monitor whole-home energy production via grid and alternate energy sources (Solar/Battery/Generator/Wind)\*
- View real-time energy consumption and compare with historical trend data
- Project monthly bill total and make adjustments to save money
- Receive notifications and alerts for abnormal activity\*\*
- Remote firmware updates

\*More than one alternate energy source requires additional LSMMA Current Transformers

\*\*Requires Leviton 2nd Gen Smart Circuit Breakers

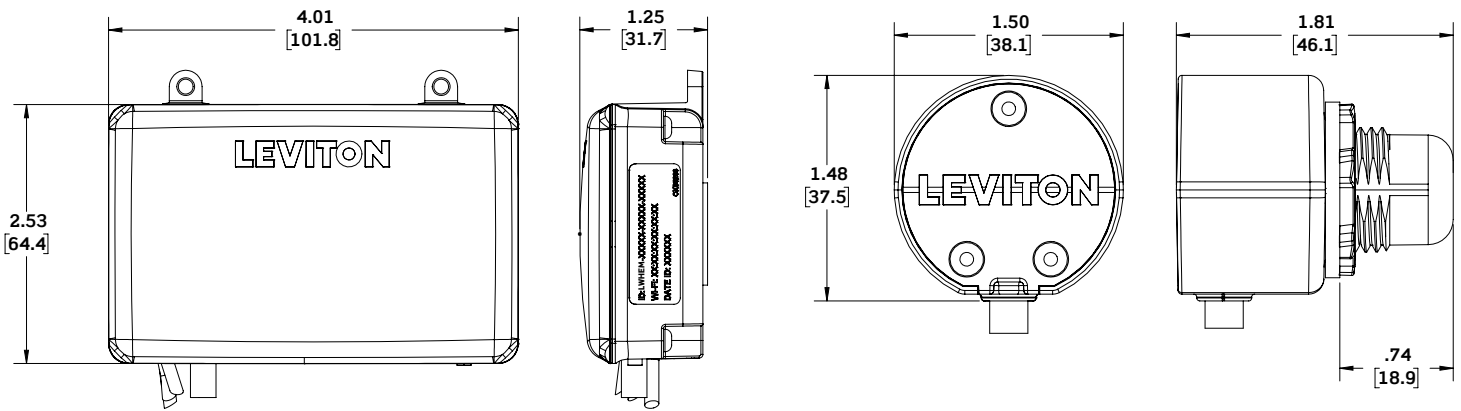
## NETWORK

- Wi-Fi - 802.11 a/b/g/n @ 2.4GHz
- Security - WPA, WPA2, WPA3, or open

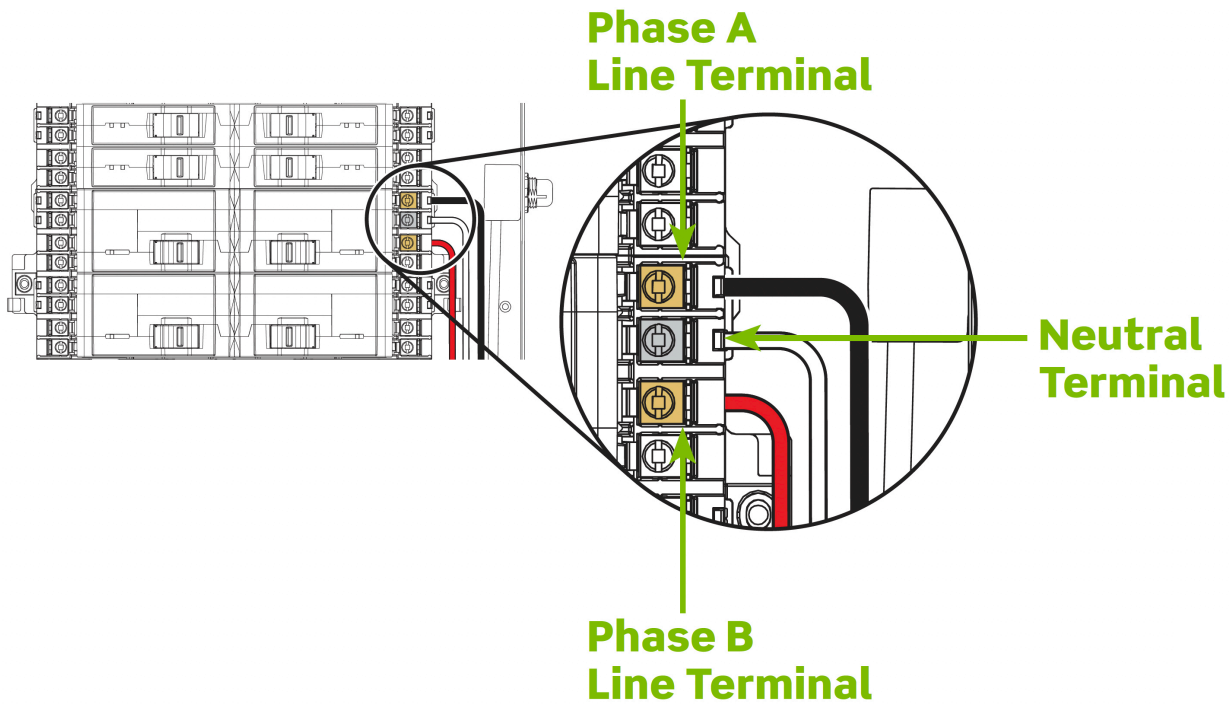
## WARRANTY

- Two-Year Limited Warranty

## LWHEM DIMENSIONAL DRAWINGS

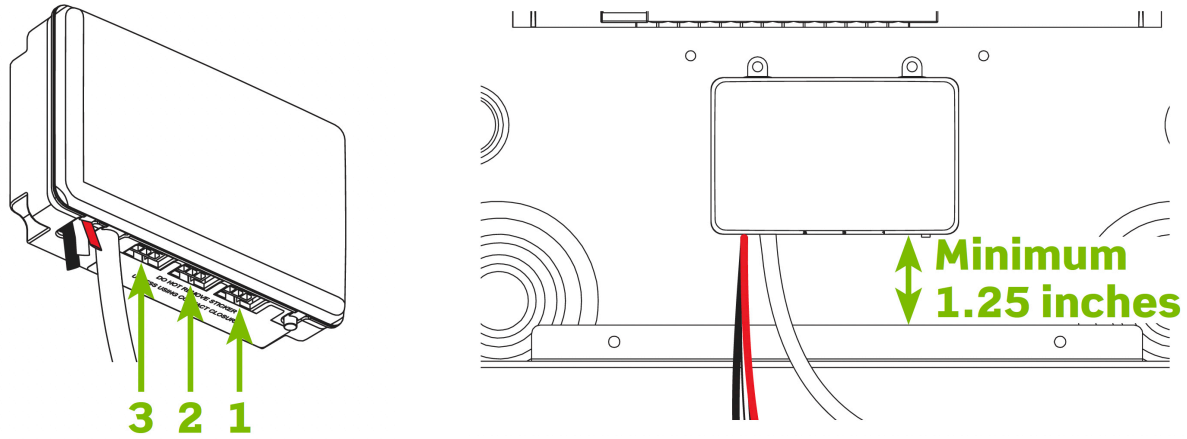


## LEVITON WHOLE HOME ENERGY MONITOR AND CTS LWHEM WIRING DIAGRAM FOR POWER CONNECTION

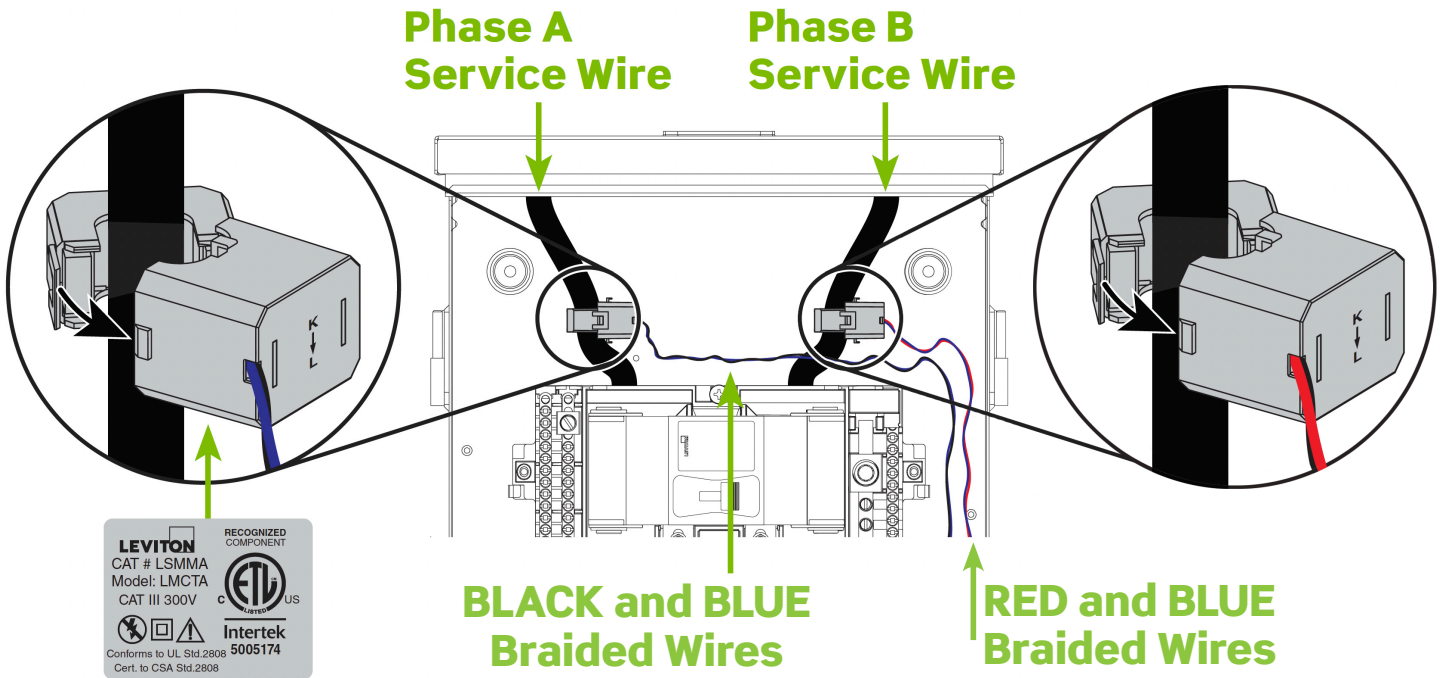


# PRODUCT SPECIFICATIONS

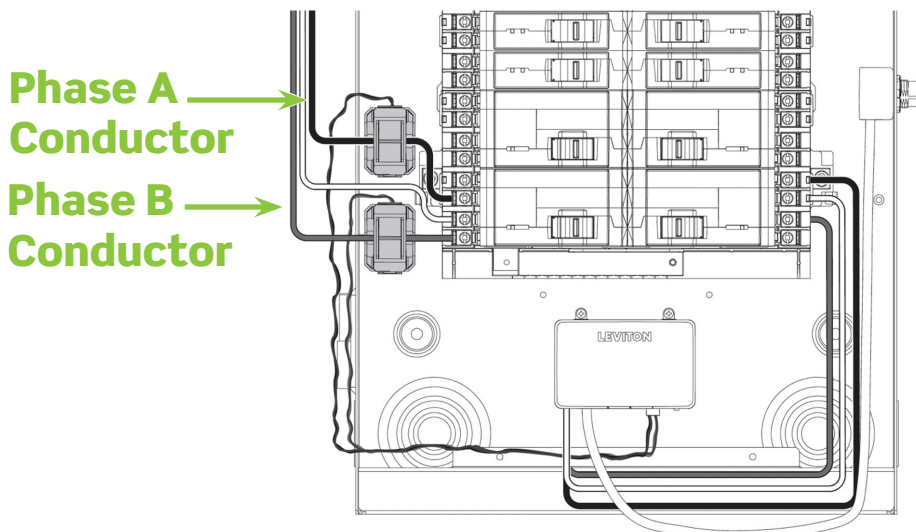
## LWHEM WIRING DIAGRAM FOR MOUNTING



## LSMMA WIRING DIAGRAM FOR MAIN



## LSMMA WIRING DIAGRAM FOR ALTERNATE ENERGY SOURCE(S)



# PRODUCT SPECIFICATIONS

## AGENCY STANDARDS

- C-ETL-US
- This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.
- Wi-Fi CERTIFIED™
- Complies with FCC Part 15, Class B

## Ordering Info

Cat. No.	Description
<b>LWHEM-2</b>	Smart Whole Home Energy Monitor with 1 Pair of CTs
<b>LSMMA</b>	Smart Mains Metering Accessory (1 pair of CTs)

*LWHEM-2 and LSMMA are only compatible with a Leviton Load Center and should be installed by a licensed electrician.*

*LWHEM-2 must be powered by on a non-smart, 2-pole breaker (surge breakers excluded).*



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Mon-Fri 8am-10pm EST, Saturday 9am-7pm EST, Sunday 9am – 5pm EST

**Visit our Website at: [www.leviton.com/loadcenter](http://www.leviton.com/loadcenter)**

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