



Works with Ohm Guide

Leviton[®] 2000 Energy Meter

This guide is designed to help you through installing Buddy Ohm hardware with your existing equipment, please reference your equipment's documentation for specific information.

The Buddy Ohm App is required to complete installation.



Before proceeding please read our
Pre-Installation Guide.

1 Wire the Leviton 2000

Two wire cabling is necessary (*see note*).

There are three pulse outputs wire into “COM” (*common*) in the center and either “10” on the left or “1K” on the right depending on the level of fidelity that you want to achieve.

The left output is used for one pulse per ten Wh.

The right output is used for one pulse per one kWh.

Figure 1 is an example of ten Wh wiring.



Figure 1

2 Wire the Ohm Device

You can choose to wire the Leviton into either an Buddy Ohm, a Ohm Link or a Ohm Sense.

For an Buddy Ohm or Ohm Link, terminate the wires from the Leviton in an RJ45 jack as indicated in Figure 2 (*see note*).

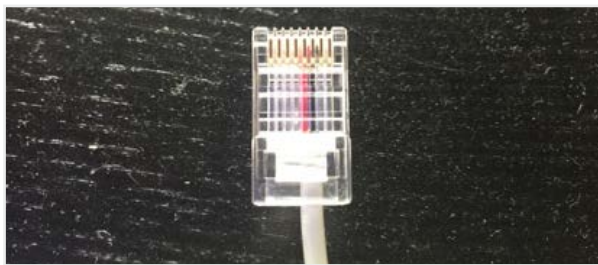


Figure 2

Then simply plug the jack into the RJ45 port on the Ohm or Link as shown in Figure 3.

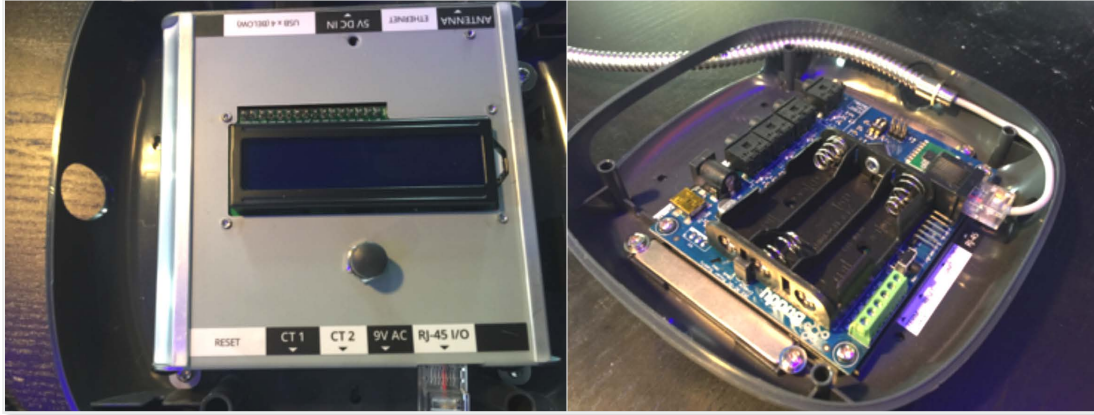


Figure 3

For a sense, terminate the wires from the Leviton 2000 as shown in Figure 4 (*see note*).



Figure 4

3 Configure the Ohm device

Using the Buddy Ohm application on your smart phone or tablet, select the site and add the device (*Ohm, Link or Sense*). In addition to the standard information, add the pulse sensor with the correct pulse rate as shown in Figure 5 (*example of 1 pulse = 10 Wh pulse rate*).

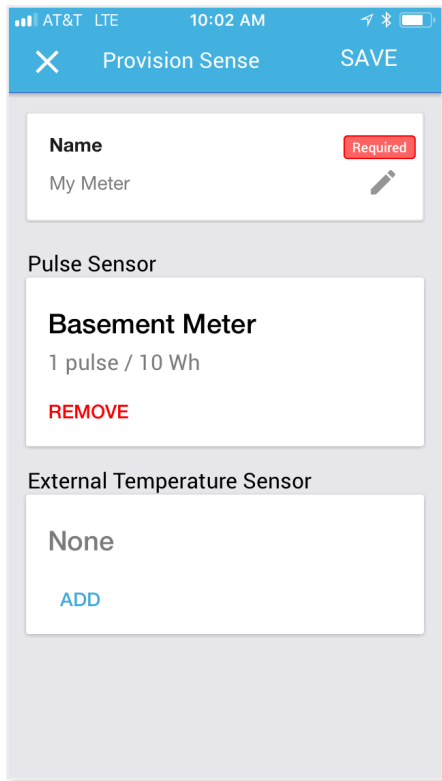


Figure 5

4 What you'll see on the Ohm Portal

Shortly after the Ohm device is configured on the Buddy Ohm mobile application, a feed and a related chart should appear as shown in Figure 6.

Depending on the frequency of the pulses, you may not see data until the next pulse is read and processed.

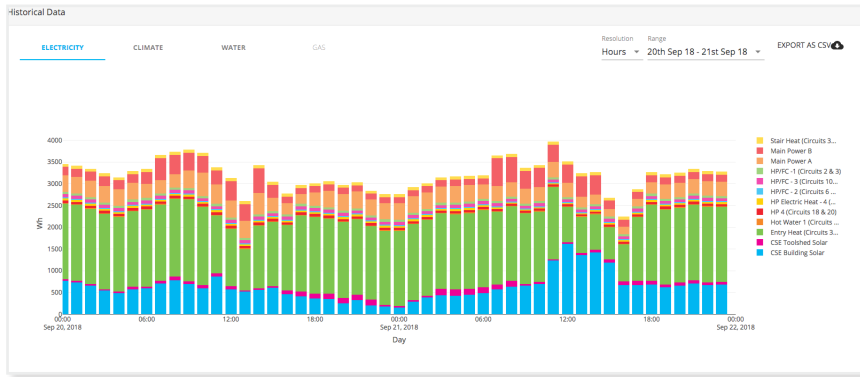


Figure 6

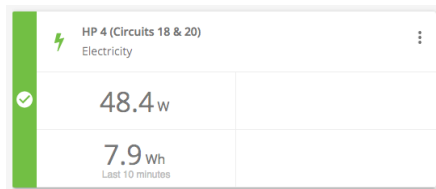


Figure 7 (Feed Card)

 Success!

You are now ready to start using Buddy Ohm!

Troubleshooting

If you haven't seen any pulse data on the portal in a timeframe where the meter should have sent some, try:

- Reboot the ohm device attached to the meter.
- Ensure that the Ohm device attached to the meter is within range of the Buddy Ohm (*hub*).
- Check to ensure that the device is wired correctly on both ends.
- Reconfiguring the Ohm device from scratch.

Using a voltmeter test whether the meter is producing a pulse.

Notes

In very “electrically noisy” environments, where you suspect the Ohm device may be inadvertently picking up incorrect pulses, use cabling with a pull up resistor. You may contact support@buddy.com and we will provide you with one for free along with additional wiring instructions.

Contact Support

Online: www.buddy.com/support

Email: support@buddy.com

Additional Documentation

Ohm Installation Guide (US)

Ohm Portal User Manual (US)

Ohm Product Specifications (US)

Find additional documents and guides online, visit www.buddy.com/support.



For complete documentation on your *Leviton 2000 Energy Meter* visit manufacturer's website:
<https://www.leviton.com/en>