



KILL A WATT P4400 Electricity Usage Monitor User Manual

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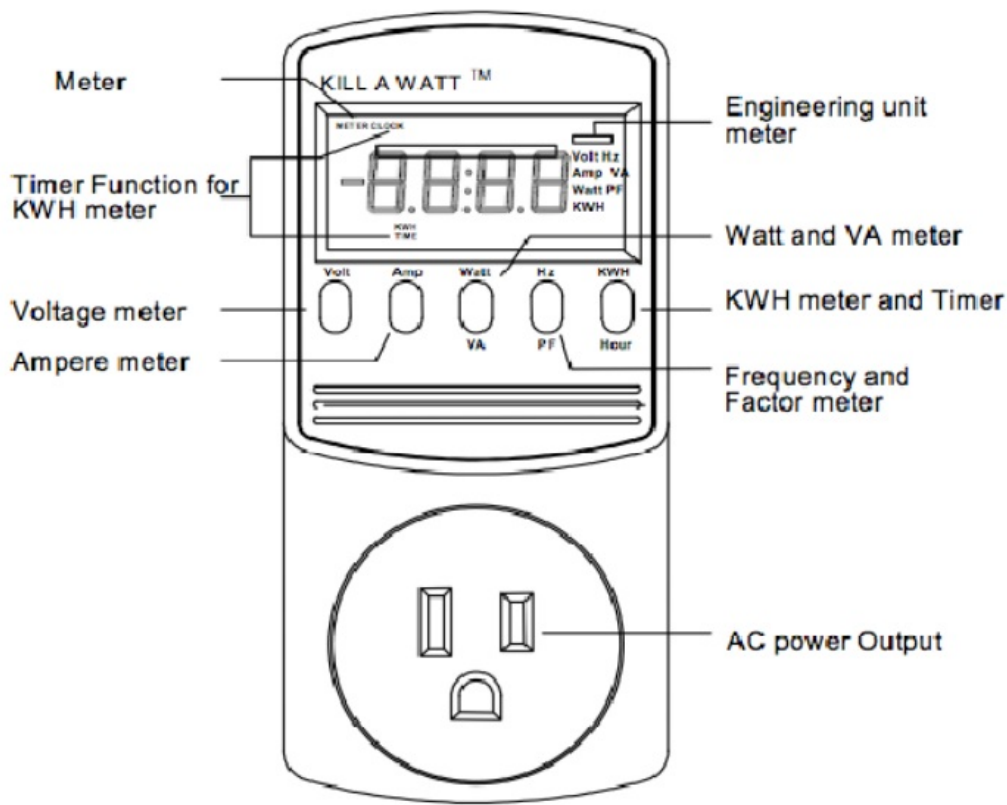
***P4400 Kill A Watt™ Operational Manual
User Manual**

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Using the Kill-A-Watt meter:

- a. Plug the meter into an electrical outlet.
- b. Plug an electrical device such as your laptop into the meter.
- c. Monitor the watts (electricity demand of the device).
- d. Monitor the kilowatt hours (electricity consumed by the device) over the course of the day.
- e. Estimate the cost per day to operate the device. (A reasonable rate might be 6 cents per kWh).




Operational Features:

1. The LCD shows all meter readings: Volts, Current, Watts, Frequency, Power Factor, and VA.
The Unit will start to accumulate kWh and powered duration time after an electronic device is plugged in.
2. Press Volt key to display voltage.
3. Press the Amp key to display the output current.
4. The Watt/VA key functions as a toggle key. Press the Watt/VA key once to display Watts. Press the Watt/VA key a second time to display the VA. Watts is the active power, and VA is the apparent power ($VA = V_{rms} \text{ Arms}$).
5. The HZ/PF key functions as a toggle key. Press the HZ/PF key once to display the frequency (Hertz). Press the HZ/PF key a second time to display the Power Factor. HZ is the frequency of output voltage, where the PF is the Power Factor ($PF = W / V_{rms} \text{ Arms}$).
6. The kWh/Hour key is a toggle key. Press the kWh/H key once to show the cumulative energy consumption since the electrical device was plugged in. Press the Kwh/Hour key a second time to display the cumulative time since the electrical device was plugged in.
7. Consumption will be displayed in kilowatt-hours (from 0.01 kWh to 9999 kWh). Time will initially be displayed as Hours:Minutes (from 00:00), then switch to Hours (to 9999). Counters will recycle to zero (0) when they reach their maximum. To reset, remove power from the unit momentarily.

Warning: Do not exceed maximum ratings as detailed on the label.

These watt meters are made available for loan from the BCIT Library through a collaboration between GAIT (Group for Advanced Information Technology) and the BCIT Library. For more information on GAIT please visit: bcit.ca/appliedresearch/gait. For the library please visit: bcit.ca/library. The Kill-A-Watt meter is a registered patent of P3 International (<http://www.p3international.com/products/special/P4400/P4400-CE.html>)

Documents / Resources

	<p>KILL A WATT P4400 Electricity Usage Monitor [pdf] User Manual</p> <p>P4400 Electricity Usage Monitor, P4400, Electricity Usage Monitor, Usage Monitor, Monitor</p>
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References

- [BCIT Applied Research – BCIT](#)
- [BCIT Library – BCIT](#)
- [P4400 Kill A Watt](#)