

Tweet-a-Watt starter pack -

ID: 143

Manufactured by: Adafruit



Tweet-a-Watt is a DIY wireless power monitoring system. The project uses an 'off the shelf' power monitor called the Kill-a-Watt and adds wireless reporting. Each plug transmits the power usage at that outlet to a central computer receiver. The receiver can then log, graph and report the data. This pack contains nearly everything* necessary to build a single outlet monitor. To monitor additional outlets, you will need an add-on transmitter pack. One outlet can monitor up to 1500 Watts.

The starter pack contains:

- 2 XBee Series 1 modules (one for receiver, one for transmitter)
- 2 XBee adapter kits (ditto)
- 1 USB FTDI cable (for updating, configuring and receiving data from XBee)
- 1 bag of parts including 10,000uF capacitor, 220uF capacitor, 2 1% 10K resistors, 2 1% 4.7K resistors, 5mm green LED, 6" rainbow ribbon cable, and 2 pieces of 1/8" and 1/16" heatshrink

*** Please note, a P3 Kill-a-Watt is NOT included!** You will need to buy this separately at a local hardware store, or [online](#). They run about \$20 each. You'll also need some tools, which are not included. The kit is unassembled, and requires some light soldering to piece together. It is a moderate/advanced project and is intended for people with electronics & computer experience and are comfortable working around High Voltages