

## Installing the 2GigGo! Transmitter and CT clamps

**IMPORTANT: THIS DEVICE MUST BE INSTALLED BY A QUALIFIED/LICENCED ELECTRICIAN, UNLESS OTHERWISE PERMITTED BY LOCAL REGULATIONS.**

- Locate the main breaker panel that disconnects all power to the house. This enclosure is usually located close to the meter. If the main breaker panel enclosure or wiring or breakers show any sign of disrepair or damage or you notice anything unusual about your electricity supply, such as loose wires, exposed cabling, burn marks or holes in the insulating materials or damage to your meter then stop immediately and consult a qualified electrician.

- Open the main breaker panel enclosure.
- **TURN OFF MAIN BREAKER** (Careful, the two main wires bringing electricity into the box are still **HOT** even after turning off this main breaker! And these two hot wires are the ones that your will be clamping the CT clamps around.)
- Unscrew and carefully remove the protective cover. This will reveal all wires.
- Check to make sure that there is enough room to fit the transmitter in the enclosure so that the protective cover can be remounted. If there is not enough room seek installation help from a qualified electrician. (a separate enclosure will be required to keep the installation up to NEC)
- Place the transmitter as high in the enclosure as possible. A Velcro sticker is used to secure the transmitter in place.

- Locate the two main incoming cables coming from the meter and feeding the main breakers in the panel. They are usually the 2 thickest cables and are normally black or red. A third cable usually thinner and marked with green or white labels is the ground and will not be used.

- Clamp one CT clamp around each main cable. Do not pull or bend the power cables. Make sure that the clamps can move freely and that they do not pinch or apply any undue pressure on the cables. The direction which you install the CT clamp does **NOT** matter (ie. it measures power flow in both directions).

- Connect the clamp leads to the bottom of the transmitter and make sure that the center input labeled #1 on the transmitter is always connected. Connect the second sensor to the left of the center input. The third input is reserved for 3-phase installations.

- Check the display to ensure that it is reading the signal and that watts are being displayed.
- Re-attach the protective cover and close the panel.
- Turn On the Main Breaker.

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