

## Tech Write up - Version 2.37

### Frequently Asked Questions

#### Where is the serial number located?

The serial number is located on a white label under the front cover of the unit. Simply unscrew the 4 cover screws and remove the cover to reveal the label and serial number information.

#### How does it mount to the wall?

The unit comes with mounting brackets that can be unscrewed, flipped, and secured to a wall near the breaker panel.

#### How to know the unit is working?

Make sure the dedicated breaker is switched to ON.

Make sure the Blue LED indicator light located under the front cover is ON.

Using a Satic or similar corded EMI meter, measure EMI levels with the dedicated breaker and unit OFF and again with the dedicated breaker and unit ON.

#### Can the unit be mounted outdoors?

Yes, it is NEMA compliant and can be placed either inside or outdoors. When installed outdoors, we recommend having the conduit and wires coming out of the bottom of the box to reduce chances of moisture or dust entering the unit.



For Installation Technical Support Call:  
1-406-493-1861  
[www.saticusa.com](http://www.saticusa.com)



## POWER PERFECT BOX

### Installation Instructions

(Single Phase)

powering tomorrow's change... today



# POWER PERFECT BOX

## Locations and Information:

- ◆ The Satic Power Perfect Box (PPBOX) is a fully synergistic power conditioner, designed to be installed at the load center (distribution/breaker panel).
- ◆ Some homes have multiple breaker panels and the PPBOX can be installed on any breaker panel providing there is space for the dedicated breaker.
- ◆ The PPBOX is designed to condition ALL phases of power in the home when installed at the Distribution Panel.
- ◆ If there are no spaces available in the breaker panel, a subpanel can be installed for a dedicated breaker.
- ◆ The PPBOX MUST be installed on a dedicated two-pole 15 amp breaker. Double-tapping / Piggybacking is against national building codes and may void the warranty.
- ◆ The PPBOX is enclosed in a NEMA 3X box allowing it to be installed indoors or outdoors, not to be installed under water.

### **WARNING:**

**ELECTRICAL SHOCK MAY OCCUR. HAVE YOUR SATIC PRODUCT INSTALLED BY A LICENSED ELECTRICIAN. INSTALLING ELECTRICAL EQUIPMENT CAN RESULT IN SHOCK, SERIOUS INJURY, AND EVEN DEATH.**

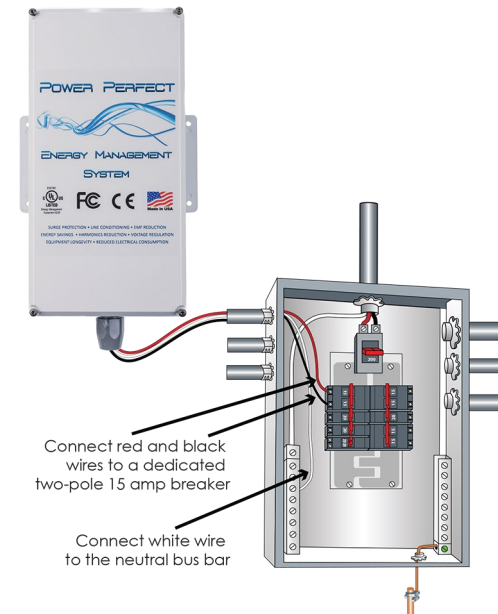
### **DO NOT OPEN:**

**THERE ARE NO SERVICEABLE PARTS. LICENSED ELECTRICIAN MAY OPEN TO CHECK BLUE LIGHT AND RECORD SERIAL NO.**



## Installation Instructions:

- ◆ Install a dedicated two-pole 15 amp breaker. Leave breaker in "OFF" position until installation is complete and power is restored to the panel.
- ◆ Mount box in a secure location with access to the breaker. Use the knock-outs on the panel to allow access to the breaker. Use UL approved conduit.
- ◆ Secure the two leads (red and black wires) placing one on each leg of the breaker. Secure the neutral (white wire) to the neutral bar in the panel.
- ◆ Reinstall the panel cover securely.
- ◆ Switch the breaker to "ON" ~ an interior blue light on PPBOX will be illuminated. If the light remains off, re-check the connections and call tech support at 1-866-99-SATIC.



### **- Warranty -**

**The Satic Power Perfect Box has a warranty from date of installation. Please fill out the warranty card completely and return it after installation is complete.**