

## INSTALLATION INSTRUCTIONS ECO PRO 1200/1400

### Ratings:

Voltage:	250VAC
Phase:	1
Frequency:	50/60Hz
Configuration:	2-wires plus ground
Capacitance:	80 $\mu$ f (1200), 120 $\mu$ f (1400)
Ambient:	40 C
Max. Branch Circuit:	20 A

### Warning:

1. Opening the unit without prior permission from AMERICA'S BEST HOME PRODUCTS, L. C. will void its warranty coverage. Contact AMERICA'S BEST HOME PRODUCTS, L. C. via email at [sales@abhomeproducts.com](mailto:sales@abhomeproducts.com) if you have any questions.
2. Apply this unit to 250VAC, 50/60HZ, single phase residential load only.
3. The unit must be mounted vertically using the two mounting holes.
4. The unit must be installed by a licensed electrician in compliance with local electrical code.
5. **IMPORTANT! THIS UNIT MUST BE CONNECTED DIRECTLY TO A DEDICATED CIRCUIT BREAKER. DO NOT, UNDER ANY CIRCUMSTANCES, HARD-WIRE INSTALL WITHOUT A DEDICATED BREAKER!**

### You Will Need:

1. A dedicated 2-pole circuit breaker, 20 amps.
2. Appropriate tools.
3. A licensed electrician for installation.

### Mounting the ECO PRO 1200/1400

1. Inspect the exterior of the unit to ensure that it has not been damaged in transit. Ensure that the front label is still intact and that the cables protruding from the unit have not been damaged.
2. Locate the unit at a circuit breaker panel. Mount the unit to a clean, wall near the power panel, and feed the connection cables through the conduit into the power panel.

### Installation Procedures:

1. Turn off power to the circuit breaker panel before connecting the ECO PRO 1200/1400 unit.

2. Install the new circuit breaker onto the power panel.
3. Connect the (black) L1 and (red) L2 wires to the circuit breaker, and the ground wire (green) to the ground bus.

### **Test Procedures:**

1. Turn on the power to the breaker panel.
2. Turn on the circuit breaker leading to the ECO PRO 1200/1400 unit.
3. Check if the indicator light is on.

### **Generator Applications:**

1. The ECO PRO 1200/1400 is not designed to improve the power provided by your generator.
2. If you have a mutual start generator, turn off the ECO PRO breaker when turning off the main breaker.
3. If you have an auto start generator make certain that the ECO PRO breaker is not on one of the circuits supported by the generator. If the ECO PRO is on a supported generator breaker then turn it off before the generator starts up.

### **Warranty:**

The Eco Pro 120/1400 has a five year warranty from date of installation. America's Best Home Products, L.C. provides that, if within (5) five years from purchase date, if the product fails due to a defect in material or workmanship we will repair or replace or exchange the unit free of charge.

The warranty does not apply to damage caused by:

- (A) Accidental mishandling, dropping or other types of physical abuse.
- (B) Units which have been opened, taken apart or subjected to unauthorized repair.
- (C) Units which have not been installed or used in accordance with instructions.
- (D) Riots, civil disturbances, war or acts of God.

This warranty does not apply to damages claimed in excess of the cost of a replacement unit, and although this warranty outlines specific legal rights, your actual rights may vary from state to state.

We appreciate your business.