



310 T. Elmer Cox Drive
Greenville, TN 37743
1.800.989.2299

PWX_OM_65-00300-0708



POWERWORX™ e³

WHOLE HOUSE ENERGY MANAGEMENT SYSTEM

OWNER'S MANUAL

read these instructions before use • save this manual



MODEL E3-1R240
NEMA 3R OUTDOOR ENCLOSURE

- Installation
- Operation
- Specifications
- Warranty



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WARNING:

1. Opening the unit without prior permission from EcoTrust Energy will void its warranty coverage. Contact EcoTrust Energy at 1.800.989.2299 if you have any questions.
2. Apply this unit to 240V AC, 50/60Hz, single phase residential load only.
3. The unit must be mounted vertically using the three 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:

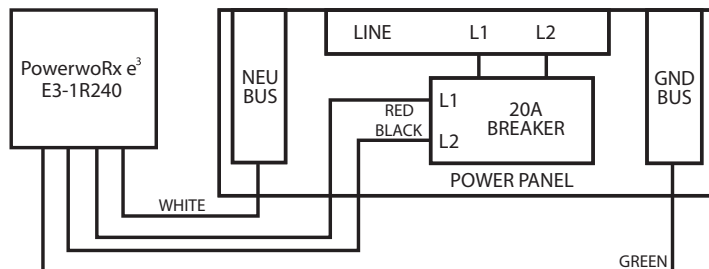
1. A dedicated, 2-pole, 20 Amp, circuit breaker.
2. Appropriate tools including conduit.
3. A licensed electrician for installation.

MOUNTING THE POWERWORX E3 (E3-1R240)

1. Inspect the exterior of the unit to ensure that it has not been damaged in transit. Ensure that the front label/overlay is still intact, that any warranty seals are intact, and that the cables protruding from the unit have not been damaged.
2. Mount the unit to a clean, dry wall near the power panel. The unit should be close enough to connect to the panel using the cable length provided, but at least one foot away from the power panel. DO NOT UNDER ANY CONDITIONS SPLICE NEW CABLE ONTO THE UNIT, OR OPEN THE UNIT, TO EXTEND THE LENGTH OF CABLE PROVIDED. When mounted, the phase indication lights should be visible.
3. Run conduit (according to code) between the conduit connector on the box, and the power panel, and feed the connection cables through the conduit into the power panel.

INSTALLATION PROCEDURES:

1. If possible, de-energize the power panel prior to connection of the PowerwoRx e³ unit.
2. Install the circuit breaker onto the power panel.
3. Connect the (red) L1 and (black) L2 wires to the circuit breaker, the ground cable (green) to the ground bus, and the neutral cable (white) to the neutral bus, as shown in the diagram below.



TEST PROCEDURES:

1. Energize the power panel.
2. Close the circuit breaker leading to the PowerwoRx e³ unit.
3. Check if Line 1 and Line 2 indicator lights are on: IF NO - De-energize the unit and check if cables are connected correctly.

Check the ground cable connections.

If problem persists, call EcoTrust Energy at 1.800.989.2299.

4. Keep these instructions near the unit for future use.

RATINGS:

Voltage: 120/240V AC, 1-Phase, 50/60Hz

Configuration: 3-wire plus ground

Capacitance: 30µf

Line Current: 2.7 A at 240V AC

KVA Rating: .65 at 240V AC

