



**REX POWER MAGNETICS**

DIVISION OF TRANSFACTOR INDUSTRIES INC.  
 65 Basaltic Rd. Concord, ON, L4K 1G4 Canada  
 Tel: 905-695-8844, 1-800-387-2840 Fax: 905-695-8855  
 www.RexPowerMagnetics.com

**ENERGY EFFICIENT TRANSFORMER**

- 3 Phase Isolation
- Dry Type
- ANN Self Cooled

**THE DRAWING FOR APPROVAL**  
 It is important that the **APPROVED DRAWINGS** are confirmed back to REX Power Magnetics when releasing the items for production.

Purchaser: TBA  
 PO#: TBA  
 SWO#: TBA  
 Qty: TBA

Coils: Aluminum Wound  
 Cat. No.: BA450J-M/Z

kVA: 450  
 Primary: 600 Delta Volts  
 Secondary: 208 Y/120 Volts  
 Primary Taps: 2.5 %  
 -Taps FCAN 2  
 -Taps FCBN 2

Frequency: 60 Hz  
 BIL: 10 kV

Insulation Class: 220° C  
 Temperature Rise: 150° C

Min. Efficiency: 98.68 %  
 - Calculated @ 35% Loaded

Impedance: 5.0 - 6.0 %  
 Weight: 2600 Lbs

Termination	Location	Terminals
Primary:	Front	BUS
Secondary:	Back	BUS

**Wiring Connection:**

Primary:	H1-H2-H3	Links:
Voltage	% Tap	
630	105.0	1-2
615	102.5	2-3
600	100.0	3-4
585	97.5	4-5
570	95.0	5-6

Secondary:	X0-X1-X2-X3	Connect Loads To:
Voltage	Phase	
208	3	X1-X2-X3
120	1	X0-X1, X0-X2, and/or X0-X3

**Standards:**

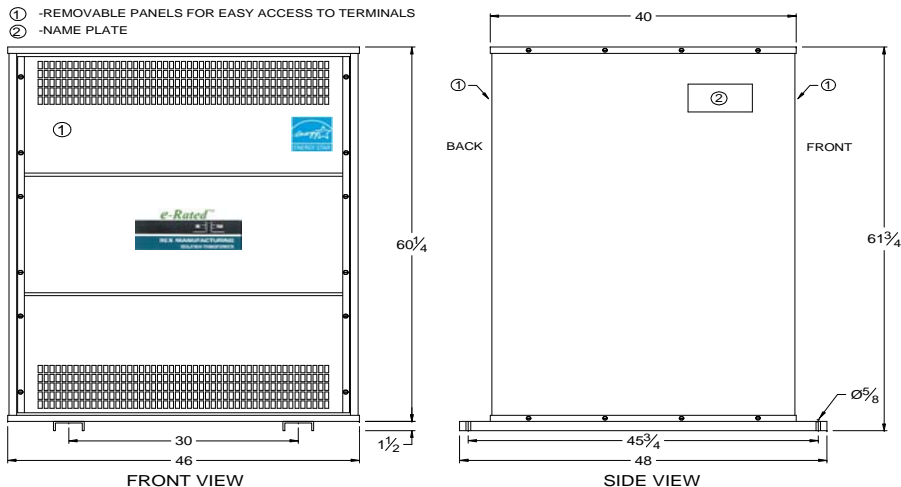
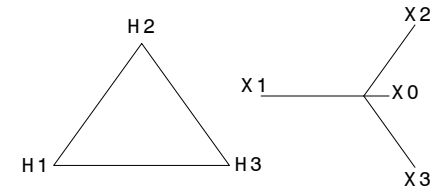
1. CSA Certified  
 - File No. LR34493
2. UL Listed  
 - File No. E108255

**Standard Features:**

1. Anti-vibration pads installed between the enclosure base and the core & coil assembly
2. Ground lug provided

**Special Features:**

1. Transformer meets efficiency per CSA C802.2
2. Transformer meets NEMA TP-1-1996 efficiency



**CSA Enclosure:**

- Type 1 (NEMA 1)
- Indoor Ventilated
- ASA 61 Grey
- Floor Mounting

Prepared by: AP  
 Approved by: VS  
 Date: APR.25, 2008