



Electrical and physical specifications

Supply configuration	1-Phase
Input voltage	97 V
Nominal output voltage	110 V
Calculated output at stated input	109.93 V
Rated continuous output current	150.71 A
Approx. input current at rated load	170.805 A
Capacity at calculated output	16.56 kVA
Connection diagram	A2
Base transformer part	TX-B3-025K-124210
Number of base transformers	1
Rating of each base	2500 VA
Base primary / secondary windings	120/240 V / 16/32 V
Dimensions per enclosure (W x D x H)	7.68 x 6.38 x 12.2 in
Weight per enclosure	52 lb
Total base-transformer weight	52 lb
Winding / enclosure	Aluminum / NEMA 3R
Rated frequency	50/60 Hz

Installation and rating notes

Use the connection sheet with this exact base construction. Do not select wiring by voltage alone.

Nominal output is an application label. Actual output varies with supply voltage and load.

The current limit shown above governs; the ordering SKU is retained for traceability.

Confirm equipment current, motor starting requirements and duty before installation.

Autotransformer connections provide no electrical isolation and do not create a neutral.

Installation must be performed by qualified personnel. Disconnect and verify absence of power.

Diagram A2 | 97 V input to 110 V nominal output

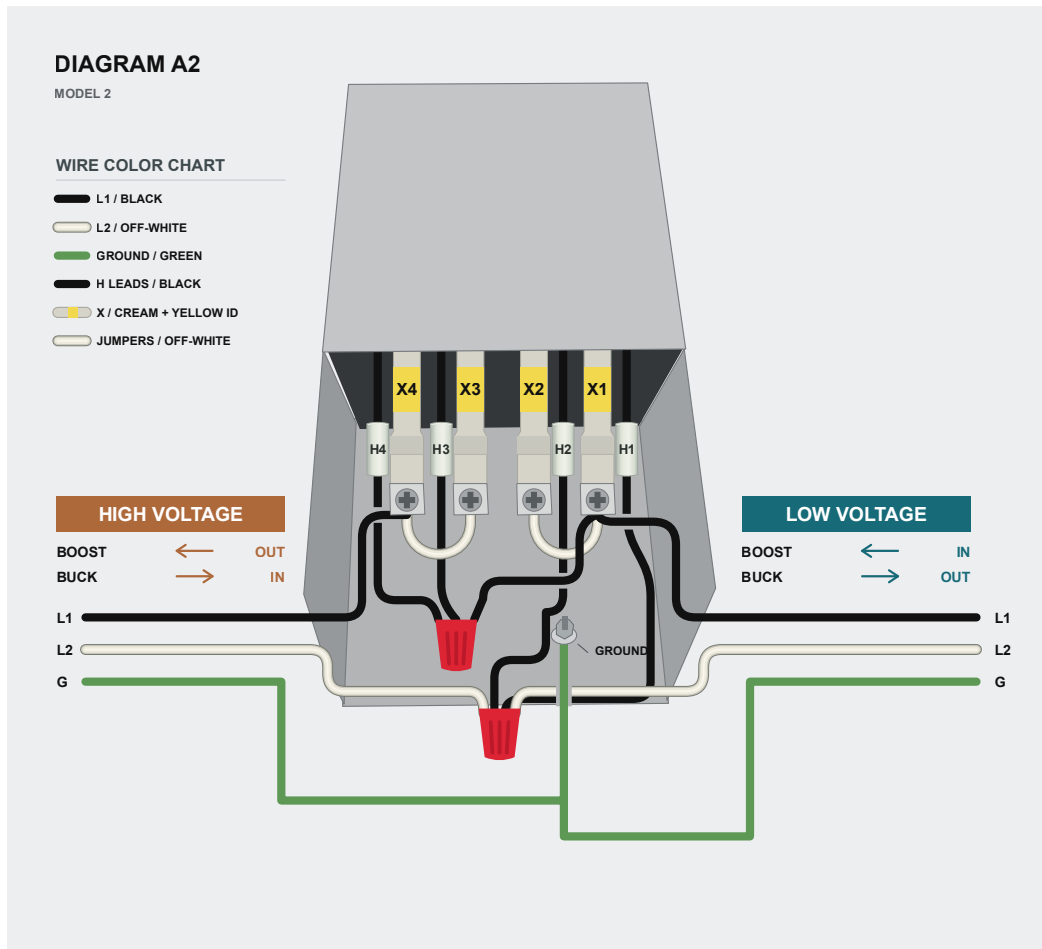
Single phase | Primary parallel / secondary parallel | Boost

Continuous output rating: 150.71 A | Calculated output: 109.93 V

1. Join X4 and X3 on each unit.
2. Connect 110 V OUTPUT L1 to X4 and X3 on Unit 1.
3. Join X2 and X1 on each unit.
4. Connect 97 V INPUT L1 to X1 and H4 and X2 and H3 on Unit 1.
5. Connect INPUT and OUTPUT L2 to H1 and H2 on Unit 1.

BASE: 1 x TX-B3-025K-124210 | 2500 VA each

Use this diagram only with 120/240 V primary / 16/32 V secondary.



Drawing: LOW VOLTAGE = 97 V INPUT; HIGH VOLTAGE = 110 V OUTPUT.

Disconnect power and verify de-energized before wiring. Bond every enclosure to equipment ground.
Follow the terminal identifiers shown; H2/H3 and X2/X3 differ from some other manufacturers.
Verify input and all output voltages before connecting the load. No circuit isolation is provided.
This connection does not create a neutral. Installation must be performed by a qualified electrician.