

## ProEnerg/as

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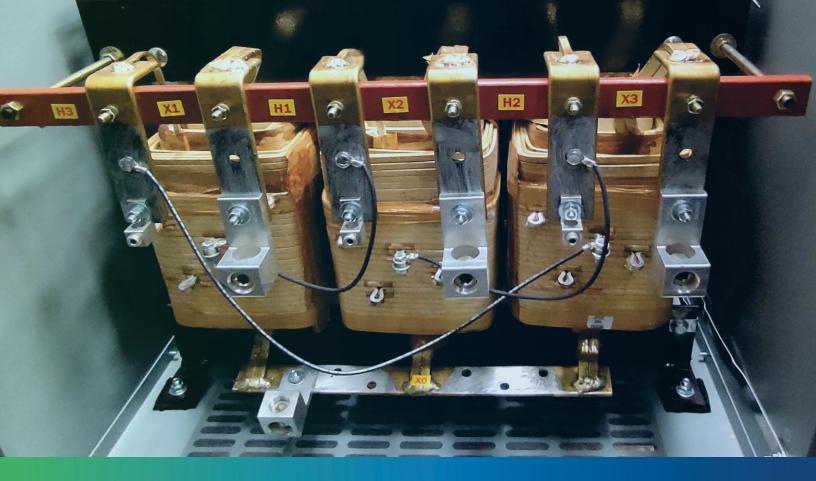
## **About Us**

At Abvolt Electric Inc., we are committed to powering Canada's electrical distribution market with quality, reliability, and expertise. Built on a strong foundation of industry knowledge and experience, our dedicated team of professionals brings exceptional skill and customer-focused service to every project.

We specialize in delivering high-quality dry-type transformers in low and medium voltages, designed to meet the evolving needs of our clients. Our mission is simple: to provide solutions that combine performance, innovation, and value-while ensuring reliability and safety at every step.

What sets us apart is not just our product range, but our expert team that drives excellence from design to production in low, medium, and custom-voltage transformers. Supported by robust logistics capabilities, we ensure every project is delivered on time and with precision. We recognize that each customer has unique requirements, and we work closely with our clients to provide tailored solutions backed by responsive and dependable service.





## LOW VOLTAGE DRY TYPE VPI BASED TRANSFORMERS



CSA Certified Models 15kVA Upto 450kVA



Primary Voltage -600v



Secondary Voltage- 208v



NEMA 3R Enclosure



Three Phase



Insulation Class-220 C







Load And No Load Losses



Resistance Test



Impedance Test



Temperature Rise



**HV** Test



Overload Test



Applied
Potential
Dielectric
Withstand
Test



Induced
Potential
Dielectric
Withstand
Test

## SPECIFICATIONS



| Туре                         | Dry Type         |
|------------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| kVA                          | 15               | 30               | 45               | 75               | 112.5            | 150              | 225              | 300              | 450              |
| Cat. No                      | 324-2200-<br>000 | 324-2201-<br>000 | 324-2202-<br>000 | 324-2203-<br>000 | 324-2204-<br>000 | 324-2205-<br>000 | 324-2206-<br>000 | 324-2207-<br>000 | 324-2208-<br>000 |
| Phase                        | 3                | 3                | 3                | 3                | 3                | 3                | 3                | 3                | 3                |
| High Voltage                 | 600 Delta        |
| Low Voltage                  | 208Y/120         |
| Frequency                    | 60 Hz            |
| Winding<br>Material          | Aluminium        |
| Type Of<br>Cooling           | AN               |
| Efficiency                   | 97.89%           | 98.23%           | 98.40%           | 98.60%           | 98.74%           | 98.83%           | 98.94%           | 99.02%           | 99.08%           |
| INS CLASS                    | 220 C            |
| RISE                         | 150 C            |
| % IZ                         | 4.9              | 4.6              | 3.8              | 4.8              | 5.2              | 4.4              | 5                | 5.8              | 6                |
| Outdoor<br>Enclosure<br>Type | 3R               |
| Weight                       | 235 lb           | 335 lb           | 445 lb           | 620 lb           | 900 lb           | 1240 lb          | 1560 lb          | 1850 lb          | 2160 lb          |
| High Voltage<br>Connection   | H1-H2-H3         |
| Low Voltage<br>Connection    | X1-X2-X3-<br>X0  |







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