



Quick lead times on transformers with our new Express Ship Program

Whether it's a natural disaster or an unexpected equipment failure, Eaton recognizes that there are times when three-phase pad-mounted distribution transformers are needed within a very short time.

Our Express Ship Program provides quick delivery on many of Eaton's Cooper Power™ series transformer models.

The Express Ship Program (formerly known as the J-Tap Stocking program) addresses those needs by offering pre-engineered designs that utilize readily available materials to minimize lead times and even provide in-stock options. It also provides the added benefit of bypassing the approval drawing process. Pad pours can be done at any time with guaranteed dimensions at the time of quote.

Product scope

All Express Ship transformers will be equipped with a J-tap, 7-position tap changer, which enables the transformer to operate with some of the most common distribution voltages such as 12000, 12470, 13200, 13800 and 14400 Delta. Secondary voltages of 208Y/120 will be offered on units up to 1,000 kVA; 480Y/277 will be offered up to 2,500 kVA. A complete listing of available units can be found in Table 1. All Express Ship units will also

be equipped with Bay-O-Net and partial-range current-limiting fuses, on/off loadbreak switch and other standard features found in Table 2.

Environmentally preferred construction

All of Eaton's Express Ship Cooper Power™ series transformers are filled with Envirotemp™ FR3™ fluid as standard. The fluid is a vegetable oil-based dielectric coolant with a high fire-point of 360 °C. This fully biodegradable fluid also provides safety benefits and a projected life well beyond that of traditional mineral-oil filled transformers.

All Express Ship units are Underwriters Laboratories (UL®) Classified and FM Approved® for outdoor installations.

- UL Listed and Classified is a verification to the ANSI® and IEEE® standards of the following:
 - Design
 - Construction
 - Testing
- Classified "Less-Flammable" per National Electric Code (NEC®) Article 450-23, fitting the definition of a listed product per NEC for both the US and Canada.
- FM Approved transformers offer the user the benefits of:
 - Transformer that can be easily specified to comply with the NEC
 - Makes FM Safety Data Sheet compliance simpler
 - Provides maximum safety and flexibility for outdoor installations



Powering Business Worldwide



Standard Express Ship Program transformer - ready to ship

PROVEN RELIABILITY

With more than 57 years of experience, Eaton's Cooper Power series transformers have withstood the test of time. We have the manufacturing expertise to optimize reliability and productivity on your distribution system.

Table 1. Ratings

kVA	Primary Voltage	Secondary Voltage	DOE 2016 Catalog Number
150	14,400 V / 13,800 V / 13,500 V / 13,200 V (nominal) / 12,840 V / 12,470 V / 12,000 V	208Y/120	0001RP08XXXA
300		208Y/120	0001RP10XXYA
500		208Y/120	0001RP11XYAA
750		208Y/120	0001RP12XYBA
1000		208Y/120	0001RP13XYCA
DOE 2016 Catalog Number			
150	14,400 V / 13,800 V / 13,500 V / 13,200 V (nominal) / 12,840 V / 12,470 V / 12,000 V	480Y/277	0001RP08XYDA
300		480Y/277	0001RP10XYEA
500		480Y/277	0001RP11XYFA
750		480Y/277	0001RP12XYGA
1000		480Y/277	0001RP13XYHA
1500		480Y/277	0001RA64XYJA
2000		480Y/277	0001RA65XYKA
2500		480Y/277	0001RA66XYMA

Table 2. Features

Type	Three-phase pad-mounted, 60 Hz, 65 °C rise
Fluid Type	Envirotemp™ FR3™ fluid
Size	150 – 2,500 kVA
Primary Voltage	14,400 V / 13,800 V / 13,500V / 13,200 V (nominal) / 12,840 V / 12,470 V / 12,000 V
Secondary Voltage	208Y/120 V up to 1,000 kVA 480Y/277 V up to 2,500 kVA
Tap Changer	7-position J-tap w/approx. 3% taps
Coil Configuration	2-winding
Department of Energy (DOE) Compliance	Yes – DOE 2016
Features	Factory Mutual (FM) Approved (Outdoor)
	UL Listed and Classified (US and Canada)
	Bay-O-Net and ELSP fusing
	One on/off primary loadbreak switch
	Gauge package

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For Eaton's Cooper Power series product information, call **1-877-277-4636** or visit: **Eaton.com/cooperpowerseries**

Follow us on social media to get the latest product and support information.

