



**GE Consumer & Industrial**  
 Large Power Transformers  
 1140 W. INDUSTRIAL PARK DR.  
 Nogales, AZ 85621

**GE MODEL #:**  
**9T83K3894**

Underwriters' Laboratories Inc Listed

**RATING:**  
 AL 3PH 60HZ 75.0KVA 600 +2,-4(2.4%TAPS) 208Y/120

Frame = XV374  
 Temp. Rise (C) = 150 Insulation System = 220C  
 Average Sound Level (dB) = 50

**LOSS DATA @ 100% LOAD:**

Core Loss or No Load Loss @ 100% voltage (Watts) =	346.6
Impedance Loss or Coil Loss @ Rise + 20C reference (Watts) =	<u>2013.8</u>
Total Loss @ Rise + 20C reference (Watts) =	2,360.4

**DIELECTRIC AND PRODUCTION TESTING:**

Induce Test @ Twice rated voltage 400 Hz per UL1561 and NEMA ST-20  
 Hipot Test for High Voltage winding to Low Voltage and Ground @ 4000 volts 60 Hz 60 Sec.  
 Hipot Test for Low Voltage winding to High Voltage and Ground @ 2500 volts 60 Hz 60 Sec.  
 Polarity additive in accordance with UL1561 and NEMA ST-20

**EFFICIENCY:**

Load (%)	NEMA Efficiency (%)	CSA Efficiency (%)
25	97.7	97.69
35	98.1	98.00
50	98.2	98.08
75	98.0	97.89
100	97.7	97.54

**IMPEDANCE:**

Impedance at reference temperature of Rise + 20C (Calculated).  
 %R = 2.7  
 %X = 3.3  
 %Z = 4.3

**REGULATION:**

Regulation at reference temperature of Rise + 20C (Calculated).  

PF	Regulation (%)
1.0	2.7
0.9	3.8
0.8	4.0