

# QL Ultra Efficient Transformers



Spend less on energy.  
More on more important things.

No dry-type transformers are more efficient than QL Ultra Efficient transformers. They can save you nearly \$4,000 per year in operating costs, compared to pre-TP-1 transformers, based on a facility the size of an elementary school\*. Wouldn't that be music to your ears?

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## What will you do with the money you save?

More energy efficient than the TP-1 design, the QL Ultra Efficient transformer – GE’s newest – can save users nearly \$4,000 per year in operating costs, based on a facility the size of an elementary school. Over the life of such a facility, that adds up to more than \$100,000 in savings\*. That would buy a lot of French horns. Or books. Or whatever’s important to you.

The QL Ultra Efficient Transformer not only features all of the convenience and reliability you expect from GE, it’s significantly quieter than standard transformers. It’s perfect for schools and colleges and for government, healthcare and commercial buildings. It also helps a project earn LEED® certification points from the U. S. Green Building Council.

- 30% more efficient than comparable TP-1 transformers
- Meets or exceeds DOE CSL-3 efficiency
- Available with a K-Factor rating of K-1 or K-13
- Noise at least 5dB less than NEMA ST-20 standards
- Seismic qualified to the requirements of ASCE 7.05, IEEE-693-2005 and IBC-2006
- 200% neutral
- Copper ground strap
- Full capacity, universal taps: two 2.5% above nominal and four 2.5% below nominal
- Robust packaging with top and edge protection
- 220°C insulation system
- 40°C ambient
- 10kV-BIL
- Copper windings
- UL Listing
- Standard NEMA 2 drip-proof enclosure with optional weathershield kit for conversion to NEMA 3R outdoor
- One-year limited warranty



## QL Ultra Efficient Transformers

480V input voltage, 208/120Y output voltage, copper windings, CSL-3 efficiency

kVA	Dimensions (inches)	Weight (pounds)	Max. No Load Loss	Cat. No.
15	27.3H x 18.7W x 16.9D	250	49W	9T73C9871
30	32.1H x 23.8W x 18.4D	377	90W	9T73C9872
45	32.2H x 23.8W x 18.4D	490	112W	9T73C9873
75	35.7H x 31.8W x 24D	710	152W	9T73C9874
112	39.9H x 31.8W x 24D	949	200W	9T73C9875
150	45.9H x 34.8W x 24D	1190	290W	9T73C9876
225	45.5H x 38.4W x 33D	1700	360W	9T73C9877
300	57.1H x 38.5W x 33D	2025	410W	9T73C9878

## Energy Efficiency

TP-1 vs. CSL-3 (QL Ultra Efficient)

kVA	15kVA	30kVA	45kVA	75kVA	112.5kVA	150kVA	225kVA	300kVA
TP-1	97.0%	97.5%	97.7%	98.0%	98.2%	98.3%	98.5%	98.6%
QL Ultra Efficient (CSL-3)	97.9%	98.3%	98.4%	98.6%	98.7%	98.8%	99.0%	99.0%

To see what a typical building like yours would save, use the easy calculator at [www.geelectrical.com/ultra](http://www.geelectrical.com/ultra). Or click the link there to request a savings analysis to your site.

\*Based on upgrading pre-2007 transformers at an elementary school that uses 13 GE non-TP-1 transformers, ranging in size from 30kVA to 112.5 kVA and energy costs of \$.077/kwh to the equivalent GE QL Ultra transformers. Lifetime savings based on a building life and usage of 30 years.

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