



# Specification Sheet

## 600V Class Three Phase Energy Efficient Harmonic Mitigating Transformer

HPS Centurion®

- Phase** Available in three phase
- Winding Material** Available in aluminum and copper
- Rating** Three phase ratings from 15 to 1500 kVA
- Voltage** 6 standard three phase voltage groups available
- Frequency** 60 Hertz
- Insulation System** 220°C (150°C rise) insulation system/200°C (130°C rise) insulation system
- Core** High grade non-aging, fully processed silicon steel laminations or better
- Coil** Copper or aluminum windings, with terminations brazed, welded or bolted
- Termination** Front accessible separate grounding, separate high and low voltage terminations with either lugs or pads.
- Enclosure** Heavy Duty Ventilated Type 3R in ANSI 61 Grey painted finish.
- Mounting** Floor mounting for all units and wall mounting for units under 750 Lbs.
- Warranty** 10 year

### Approvals and Standards



CSA Certified, UL Listed

Seismically certified in accordance with IBC 2009; Section 1613 Earthquake Loads, for SDS  $\leq 2.00g$ ,  $z/h = 1.0$ , and  $I_p = 1.5$

### Features and Benefits

- Meets efficiency levels in accordance with U.S. DOE 10 CFR Part 431(TP1) and Canadian CSA C802.2 as referenced SOR/94-651 at 35% of rated load.
- This product line, even at a non linear load profile of K20 at an operating range from 35% to 65% of rated load, will meet or exceed TP1/C802.2 levels efficiency levels.
- Electrostatic shield for common noise attenuation.
- 60 dB Common Mode electrical noise attenuation.
- 10 dB Transverse Mode electrical noise attenuation.

### Options

- Custom sizes, ratings and styles available upon request
- 00 or -300 output phase shift.
- Dual or Triple phase outputs for higher order harmonic cancellation.
- Low Temperature Rise.
- Low Sound -3 dB, -5 dB, -8 dB available
- Enclosures: Type 4, Type 4X, Type 12, and others available
- Vibration Isolators
- Wall/Ceiling Mounting brackets and drip plates.

Data subject to change without notice. Please visit [www.hammondpowersolutions.com](http://www.hammondpowersolutions.com) for the most current data.