



HPS ONLINE TOOLS

Select - Configure - Learn

HPS offers many online tools to help you choose and configure the right HPS product for your application. Easily access information from anywhere at any time.

Product Configurator & Part Number Look-up

HPS E-Quotes Lite: <https://bit.ly/2JW9rxG>

HPS E-Quotes Lite gives you the ability to configure a HPS part number based on product attributes. You can also enter the part number from any transformer or reactor manufacturer to view the comparable HPS product specifications, drawings, troubleshooting guides, and manuals.

- Select and design over 1,000,000 SKU's
- Competitor part number look-up
- Mobile & tablet optimized
- Nameplate and enclosure Information
- CAD, PDF, STEP drawings
- Compatible with major manufacturer's specifications



Part Number: SG3A0075KB
Description: 3ph 75kVA 480V-208Y/120V 60Hz AL
Lead Time: Typically stocked!
Please contact HPS or Partner for current product lead-time

Primary Voltage: 480V	Phase: 3Ph
Primary Type: FCAR 2x3.5% FC2B 4x2.5%	Rating: 75kVA
Secondary Voltage: 208Y/120V	Material: Aluminum
Secondary Phase Angle: 30°	Frequency: 60Hz
Termination: Mechanical Lugs (Primary & Secondary)	Temperature Rise: 100°C
Sound Level: 68dBA (1.5m)	Insulation Class: 220°C
Efficiency Regulation: DOE2016, NRCAN2015	Impedance: 2.0% ± 0.2%
Seismic Zone: IEC 2018 (Zone 2.0, aH=0.3, b=1.0)	Approval: CSAULS

Enclosure:
 Enclosure Type: Type 1B (IP24)
 Enclosure Color: AK51 01 Gray US36
 Dimensions (Hx Wx D): 305x150x175mm (12x6x7")
 Weight: 175kg

Drawings & Literature:
 CAD Dwg: PDF, DXF, STEP
 Nameplate & Outline Drawing: PDF
 Installation Manual: PDF
 Troubleshooting Guide: PDF



Three easy ways to access through the HPS website: homepage, "Resources" dropdown, or individual product pages.

HPS Transformer Savings Analyzer

HPS Toolbox: www.hpstoolbox.com

Calculate the benefits of using a HPS Energy Efficient Transformer. Enter the details of your application and the analyzer will determine the:

- kWh reduction
- Demand reduction
- 5 & 25 year energy cost savings
- Simple payback, and much more!



HPS Transformer Savings Analyzer

HPS Transformer Savings Summary

Rating: 75kVA, Address: 1234 Main St, City: New York, NY 10001
 Model: HPS-75KVA-480V-208Y-120V, Efficiency: 98.5%, Impedance: 2.0% ± 0.2%
 Phase Angle: 30°, Frequency: 60Hz, Material: Aluminum

Age of Current Model: 15 years
 New HPS Transformer: 20 years

Transformer	Efficiency	Losses (kWh/yr)	Annual Energy Cost (\$)	Annual Demand Charge (\$)	Total Annual Cost (\$)	Simple Payback (Years)
Current Model	97.5%	100,000	\$10,000	\$5,000	\$15,000	5.0
New HPS Model	98.5%	80,000	\$8,000	\$5,000	\$13,000	1.5

Annual Energy Cost Savings: \$2,000
 Annual Demand Charge Savings: \$0
 Total Annual Savings: \$2,000

Buck-Boost Selector

HPS Toolbox: www.hpstoolbox.com

The HPS Buck-Boost Selector will allow you to select the most economical way to raise or lower voltage. Enter your parameters and the selector will determine the best suitable buck-boost transformer for your application and provide the applicable wiring diagrams.



HPS Buck-Boost Selector

Introduction

The HPS Buck-Boost Selector or Calculator will allow you to select the most economical way to both raise or lower voltage caused by line drops or equipment connected on the distribution system, or lower voltage caused by increased system voltage due to supply line adjustment.

Data Information

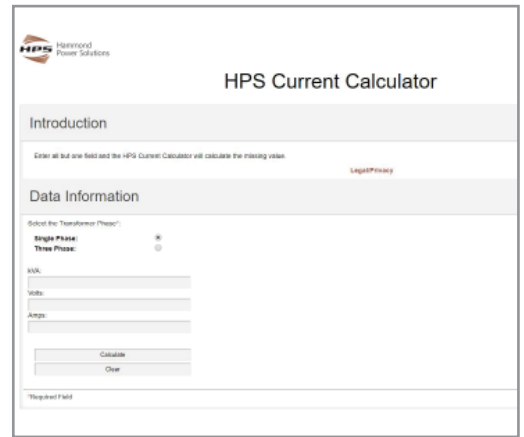
Supply: Select the phase of the Transformer: Three Phase, Single Phase
 Measured Supply Voltage: 480V
 Load: 100kVA
 Required Volt: 480V

Recommended Product: HPS-75KVA-480V-208Y-120V

Current Calculator

HPS Toolbox: www.hpstoolbox.com

Our online current calculator will calculate the Amps, Volts, or kVA of a transformer. Enter all but one field and the HPS Current Calculator will calculate the missing value.

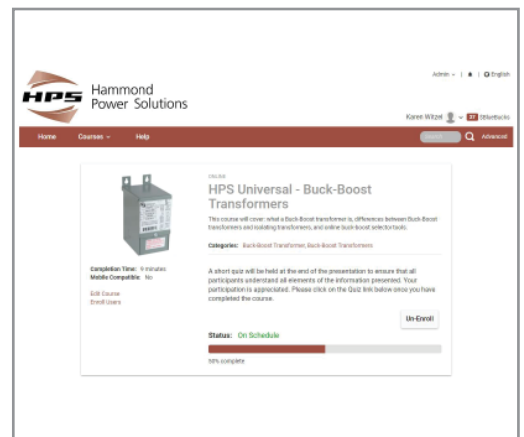


Online Training

HPS Academy: www.hpsacademy.com

HPS Academy is an interactive online training site that allows you to participate in HPS training modules on your own time, 24 hours a day/7 days a week, right from the comfort of your desk. Short quizzes and supporting materials are also available with each course.

- Product information
- Regulations
- Installation tips
- Company information

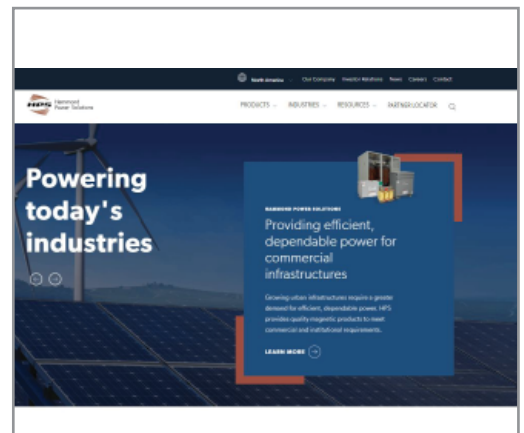


HPS Website

Website: www.hammondpowersolutions.com

HPS Website helps you quickly and easily find the products/information you need and answers many commonly asked questions. Easily access:

- Brochures
- Installation and instruction manuals
- Over 400 FAQ's
- Troubleshooting guides
- Technical assistance information
- CSI Specifications
- Technical Articles
- Access to product configurator
- Webinar sign-up



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