

MGS-45KVA-12X120-2X240-WC

Power Distribution System - 45KVA transformer - 12 X 120 Outlets and 2 X 240 - Locking Casters

Product ID: 71493

Please see last page for supporting documentation for this product(certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Larson Electronics LLC manufactures a wide variety of products, including custom built to spec designs. The pictures displayed for this unit are a general representation of form factor for the product line and may not accurately represent this exact configuration in every detail due to custom builds and changes between similar products in our standard catalog. The specifics for this configuration are listed in the specification table and supporting documentation (CAD files, Dimensional Drawing, Name Plate Diagram, Wiring Diagram, etc.). This means that specific details (receptacles, plugs, wires, connections, mounting brackets, external finishes, etc.) may not be accurately represented in images vs specifications. Please review specifications and do not order based solely on images.

This unit is Made In USA - Manufactured in Texas

MGS-45KVA-12X120-2X240-WC Power Transformer

Line In: 480V 3 Phase via 10" #4 Type W Cable

Disconnect: 60A, fused

Transformer: 45 KVA

Load Center: 100 amp

120 VAC Outlets: 12 X 20A GFCI

240V Outlets: 2 X L6-30 w/ watertight covers

Protection: GFCI Outlets, Circuit Breakers

Mounting: Carbon Steel Tubular Frame, Powder Coated with locking 8" casters

Dimensions: 36"W X 30"D X 56"H

Weight: ~350lbs

Features:

Max Primary OCP: 54 amps @ 480V

Max Secondary OCP: 108 amps @ 240V

Larson Electronics manufacture a wide variety of custom power distribution systems. The pictures displayed for this unit are a general representation of form factor and may not accurately represent this exact configuration in every detail due to being custom builds. The specifics for this configuration are listed in the specification table and one-line diagram.

Ratings

UL 1640 Portable Power-Distribution Equipment

NEMA 3R Indoor or Outdoor Use

Made in the USA

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

E-mail: sales@larsonelectronics.com

All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250

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The Larson Electronics MGS-45KVA-12X120-2X240-WC power distribution substation converts 480 VAC three phase electrical current into single phase 120/240 VAC. This unit provides operators the ability to safely tap into and distribute 480VAC power from a variety of sources including generators and direct grid power.

The MGS-45KVA-12X120-2X240-WC transformer provides a safe and effective way for operators in industrial settings to tap into and utilize power sources independently of the work area. This unit provides an effective power source for operators performing plant turnarounds, maintenance and cleaning in hazardous areas, equipment installations and repairs and any activities requiring an alternative to native power sources. This unit is designed to operate with 480 three phase which it then transforms to 120 volt single phase and 240 volt single phase. This transformer makes 120/240VAC readily available via twelve 120V GFCI protected 20 amp receptacles and two 240V L6-30 receptacles.

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[Click Photo to Enlarge](#)

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10' of #6 Type W cable connects line-in power to a fused ON/OFF disconnect switch which controls current to the 45 KVA, 480 Volt 3 phase transformer. The transformer and distribution assembly is mounted onto a rugged, powder coated, carbon steel frame with integrated skid pockets, a top located lifting eyelet, and 8" locking casters to allow easy transport. The standard frame is constructed of 3" x 1/4" thick square tubing and powder coated for corrosion resistance. This can be replaced for an additional cost with stainless steel, hot dip galvanized steel, or aluminum depending on the customer's needs.

This unit is weatherproof and ideal for use in applications including but not limited to, plant maintenance, hazardous location operations, as a welding station, shows and exhibits and marine applications. These units are popularly used in hazardous locations where external power sources are often necessary and work well in combination with explosion proof lights.

Larson Electronics is a manufacturer and as such can build transformers to your specifications. Although we carry several models of power distribution systems, we can deliver custom ordered units almost as quickly as our prebuilt units. If this model does not meet your needs, please contact us at 1-800-369-6671 or sales@larsonelectronics.com.

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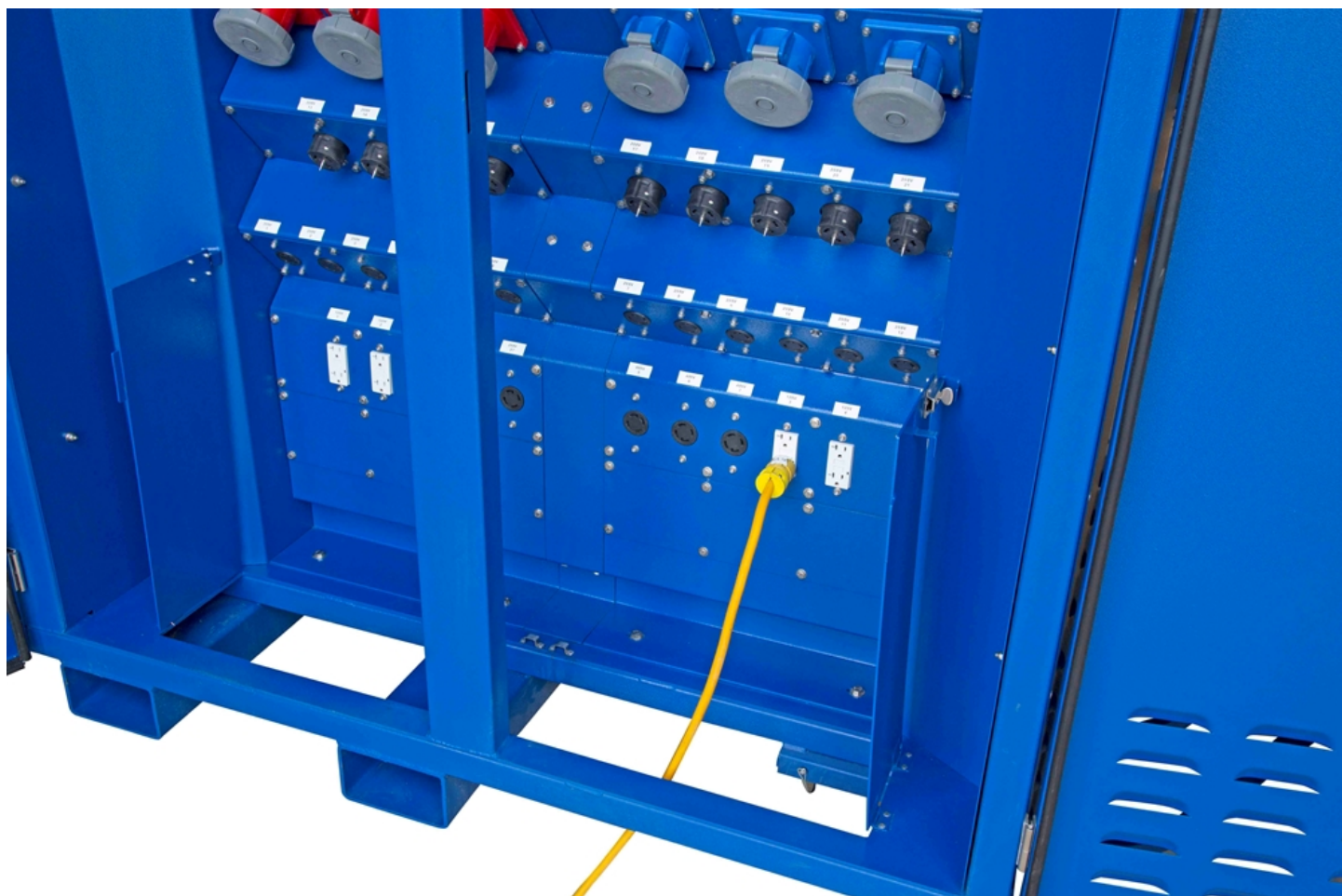


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Frequently Asked Questions (FAQ)









MGS-45KVA-12X120-2X240-WC

Product ID: 71493

Harmonized System (HS) Code: 8504.21.0040

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [ANSI Certificate 1](#)
- [Canadian CEC Certificate \(Commonly referred to as CSA Certificate\)](#)
- [Catalog Page - Product Series](#)
- [CE Certificate](#)
- [Certificate 1, Misc](#)
- [Certificate 2, Misc](#)
- [Certificate 5, Misc](#)
- [MSDS \(Material Safety Data Sheet\)](#)
- [Operations Manual](#)
- [RoHS Certificate \(Restriction of Hazardous Substances\)](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
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