

MGS-DC-45K-150-2X480W-8X120-2X240

Power Distribution System - 45 kVA - 150A MLO - 2 Welding Outlets - 8 X 120V and 2 X 240V Outlets

Product ID: 70087

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-DC-45K-150-2X480W-8X120-2X240 Power Distribution System

Line In: 480 VAC (20` Number 6 SOOW line in cord)

Primary Panel: 150MB 480V

Primary Panel Breaker: 30 amp 480V breaker protecting 30 amp L16-30 receptacles in watertight enclosure with flip cover.

Primary Panel Breaker: 60 amp 480v breaker protecting 60 amp receptacle (receptacle not included)

Primary Panel Breaker: 60 amp 480V breaker protecting 45KVA transformer

Transformer KVA: 45

Line Out: 120VAC - 240VAC Single Phase

Secondary Panel: 125 amp 120/240 single phase panel w/ (8) 20 amp 120V breakers and (2) 30 amp 240v breakers

120 VAC Outlets: 8 GFCI Protected Receptacles

240 VAC Outlets: 2 L6-30 Protected Receptacles

Transport: Skid pockets and top pick eye

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-DC-45K-150-2X480W-8X120-2X240 heavy duty power transformer substation converts 480 VAC electrical current to single phase 120V AC and 240V AC. This unit provides operators the ability to safely tap into and distribute 480 volt power from a variety of sources including generators and direct grid power.

****PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS****

The MGS-DC-45K-150-2X480W-8X120-2X240 portable power transformer system provides a safe and reliable 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 portable power distribution system includes a 480V, 150 amp main breaker panel. Within that panel, we provided a 30 amp, 480V breaker for an L16-30 receptacle and a 60 amp, 480V breaker for an additional receptacle (provided on request). A 60 amp, 480V breaker protects the 45KVA transformer. This portable transformer system is designed to operate with 480 VAC which it then steps down to 120 and 240 VAC. This substation makes 120VAC available via 8 GFCI protected 120 Volt receptacles and 240VAC available via two L6-30 240VAC outlets.

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The transformer and distribution assembly is mounted onto a rugged, powder coated, carbon steel frame with integrated skid pockets and a top located lifting eyelet to allow easy transport. The standard frame construction is 1/4 inch thick, 3 inch square tubing frame. This can be replaced for an additional cost with stainless steel, hot dip galvanized steel, or aluminum depending on the customer's needs.

This power distribution system is designed for outdoor use and applications including but not limited to, plant maintenance, hazardous location operations, as a welding station, shows, exhibits, and marine applications.

Larson Electronics is a manufacturer and as such can build portable power distribution systems to your specifications. Although we carry several models of power distribution transformers, 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 to discuss your specific requirements.

Larson Electronics LLC
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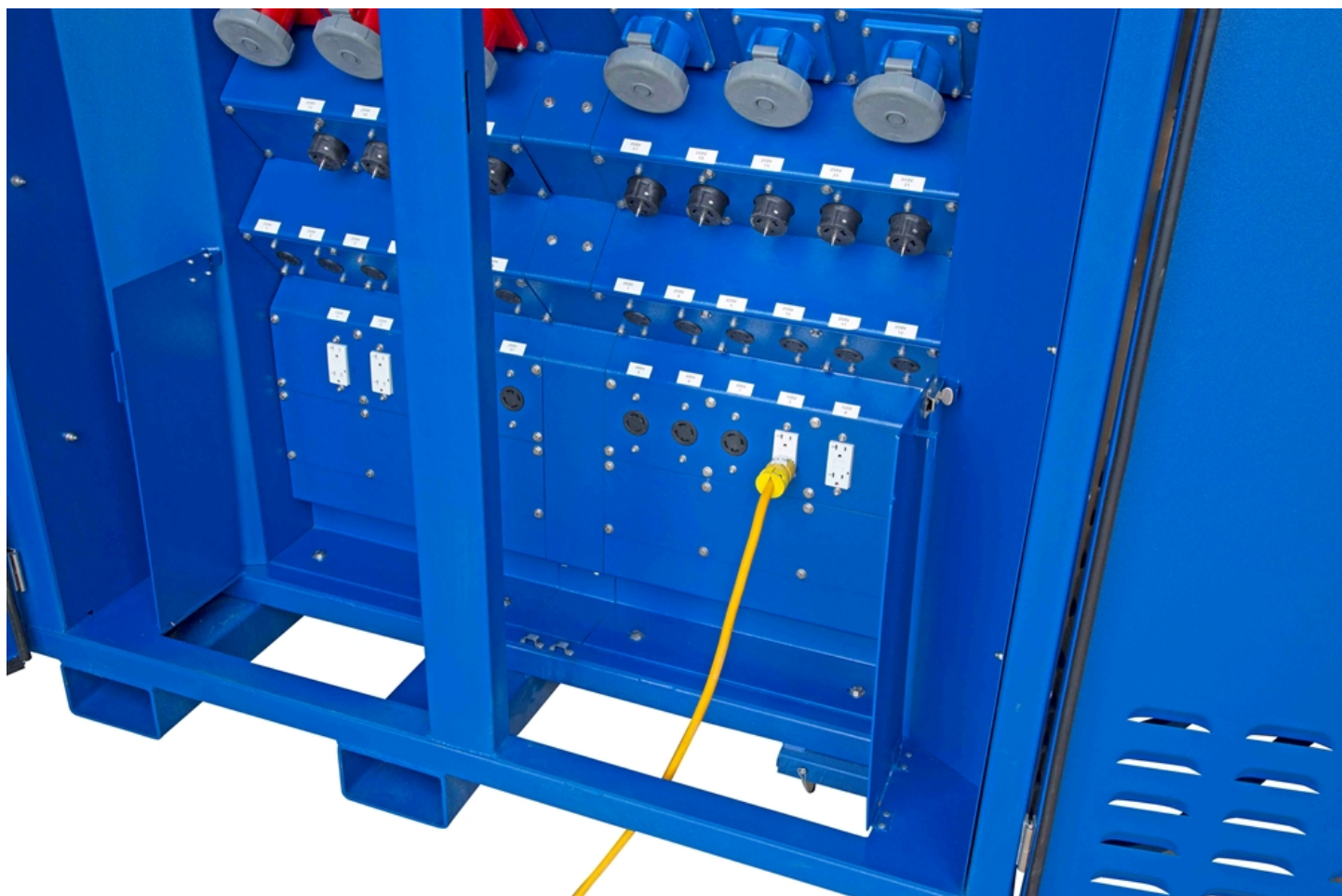
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Frequently Asked Questions (FAQ)









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Product ID: 70087

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](#)
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