

MGS-480.1X125A-10K-120.6X20A-G

Power Distribution System - 10KVA - (1) 480V 150A Outlet - (6) 5-20 GFCI Outlets

Product ID: 71596

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-480.1X125A-10K-120.6X20A-G Power Distribution System

Line In: Customer Provided 480V 3-phase Connection

Primary Panel: 480V 150-amp main breaker panel with 100-amp breaker

Secondary: 120VAC - 240VAC Single Phase

Primary Panel Outlet: 100-amp HBL4100RW weatherproof receptacle with cover

Transformer: 10KVA 480 to 120/208Y

Secondary Panel: 100-amp main breaker panel with 6 X 20-amp breakers

Secondary Panel Outlets: (6) 5-20 GFI weatherproof receptacles with cover

Form Factor: Square tube frame w/ skid pockets, top pick eye & locking 8" casters

Dimensions: 42" X 48" X 52"

Weight: 350lbs

Features:

Max Primary OCP: 150A @ 480V

Max Secondary OCP: 27A @ 208Y

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

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.

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-480.1X100A-10K-6X120 heavy duty power transformer substation converts 480 VAC electrical current to single phase 120V AC and 208Y 3P 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 via six 120-volt outlets. This portable power distribution panel also provides one 100-amp, 480V Hubbell HBL4100RW receptacle on the primary 3 phase panel.

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

This portable power transformer 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, equipment installations and repairs and any activities requiring an alternative to native power sources.

This power distribution converts 480VAC to 120/208Y with a 10KVA transformer. On the primary side, a 150-amp main breaker panel includes a 100amp breaker protecting an HBL4100RW 100-amp receptacle. The primary panel feeds the 10KVA 480V to 120/208Y NEMA 3R transformer, which in turn feeds the secondary panel. On the secondary side, a 100-amp main breaker panel includes six 20-amp breakers protecting six 5-20 GFI outlets.

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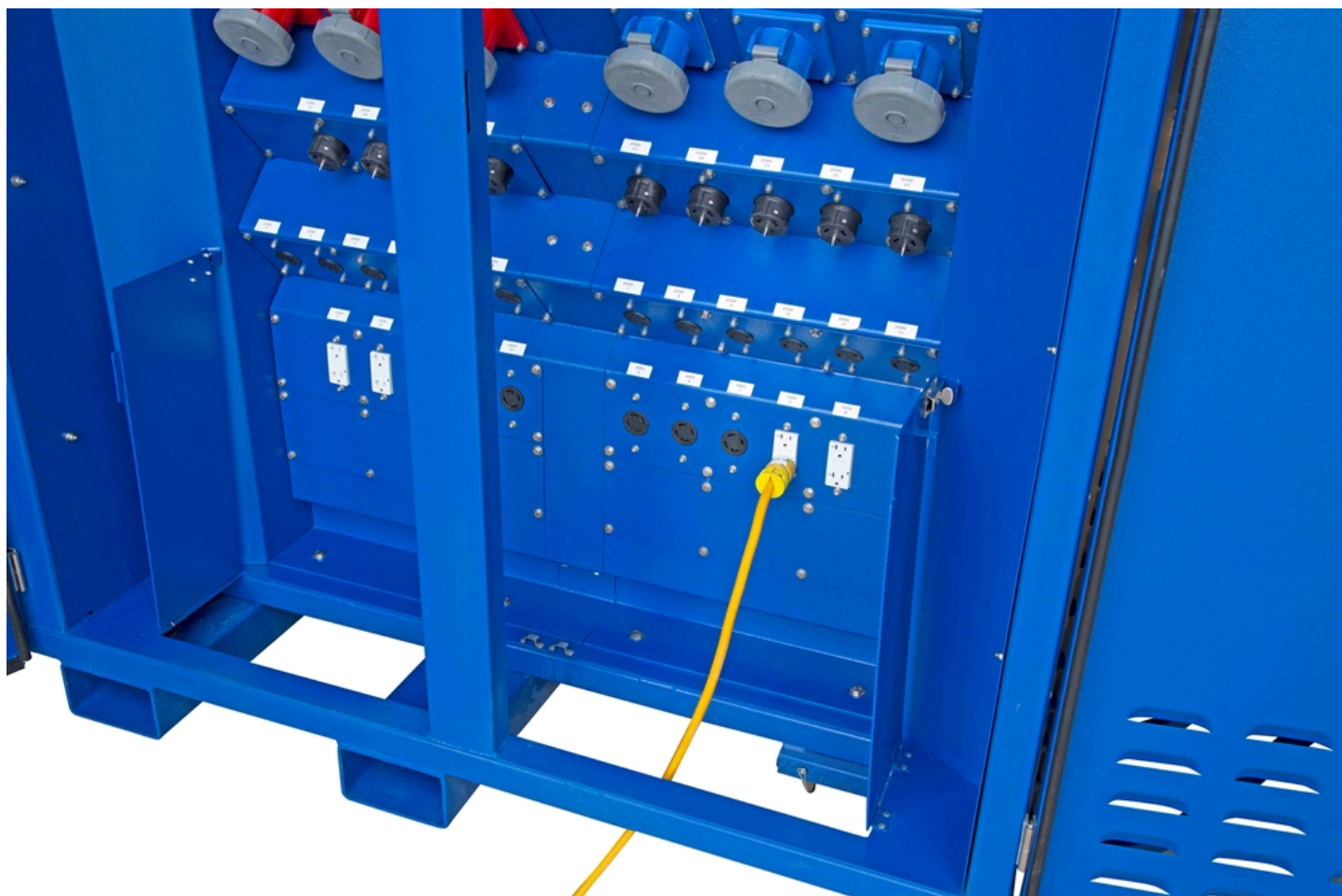
The standard frame construction is 1/4" thick, 2" square tubing frame and 1/4" steel plate floor base. This can be replaced for an additional cost with stainless steel, hot dip galvanized steel, or aluminum depending on the customer's needs. Larson Electronics is a manufacturer and as such can build 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.



Frequently Asked Questions (FAQ)









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Product ID: 71596

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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