

MGL-60C-480-15K-120-208Y-12X20-E18

15 KVA Temporary Power Distribution - 480V Transformer - (12) 120V GFCI Outlets - 18" Above Ground

Product ID: 150151

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

MGL-60C-480-15K-120-208Y-12X20-E18 Temporary Power Distribution System

Line-In: 60' #6 Type-W Cable

Line-In Cord Cap: Crouse-Hinds NPJ-3484 or compatible plug

Primary Voltage: Three Phase, 480 VAC 60Hz

Disconnect: 30A 480V AC, 3PH - Fused at 20A

Transformer: 15 KVA 480 120/208Y

Secondary Panel: 100A Main Breaker 120/208Y

Secondary Breakers: (12) 20A Breakers

Form Factor: Powder Coated Steel Dolly Cart w/ Run Flat Tires

Dimensions: W-40" X D-40" X H-48"

Weight: 350lbs

Max Primary OCP: 18 amps @ 480V

Max Secondary OCP: 41 amps @ 208Y

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

18" Above Ground

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

This unit is Made In USA - Manufactured in Texas

The Larson Electronics MGL-60C-480-15K-120-208Y-12X20 Temporary

Power Distribution System converts 480 VAC three phase electrical current to 120V AC and 208Y AC 60hz. This power distribution system provides operators the ability to safely tap into and distribute 480VAC power from a variety of sources including generators and direct grid power. Designed for aircraft hangar applications, all components are mounted at a minimum height of 18 inches from the ground.

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

The MGL-60C-480-15K-120-208Y-12X20 temporary power distribution 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 distribution system 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 transformer is designed to operate with 480v, three phase, 60hz which it then steps down to 1ph 120 VAC and 3ph 20Y VAC. The power distribution system on this portable substation makes 120VAC available via twelve 20A, 120V GFCI protected 5-20 duplex receptacles with weatherproof covers.



[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)



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Description:

This unit is 60' of Type-W line in power cord and a Crouse-Hinds NPJ-3484 to connect the substation to a primary 480v 3ph primary power supply. A fused disconnect provides primary line protection and supplies primary power to the 15kva transformer.

Secondary current is wired to a 120/208Y, 3 phase, 100 amp load center with main breaker for circuit protection. 120V line out protection is provided by twelve 20amp, 125 Volt, 1 pole breakers. Connection for 120V is through receptacles mounted on the side of the load center. Receptacles include twelve 5-20 120v, GFCI waterproof duplex receptacles. The load center is mounted within Nema 3R enclosure.

The transformer and load center/distribution assembly is mounted to a standard steel dolly cart style frame resulting in an extremely stable, durable, and mobile power distribution platform. All components are mounted 18 inches from the ground. Two rubber tires and a cart style mounting platform provides easier substation mobility, and a center point lift eye allows easy lifting with cable or chain hooks. This temporary power distribution solution can be modified to meet the needs of job-site receptacle requirements. Units are available up to 150kva and can be equipped with skids or trailer mounted.

Applications:

This power distribution system is NEMA 3R rated and ideal for indoor/outdoor use and applications including but not limited to; aircraft hangars, construction sites,

plant maintenance, plant turnarounds, hazardous location operations, shows, exhibits, and shipyard operations.

Larson Electronics is a manufacturer and as such can build portable transformer systems 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 to discuss your specific requirements.



Frequently Asked Questions (FAQ)









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Product ID: 150151

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](#)
- [Dimensional Drawing 2D](#)
- [MSDS \(Material Safety Data Sheet\)](#)
- [Operations Manual](#)
- [RoHS Certificate \(Restriction of Hazardous Substances\)](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [Wiring Diagram \(Online\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
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- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)