

**15 KVA Temporary Power Distribution - 480V to 380V 3PH - 20' #12 SOOW Cord**

Part #: MGL-480V-15KVA-380V-1X25A

**Made in Texas**

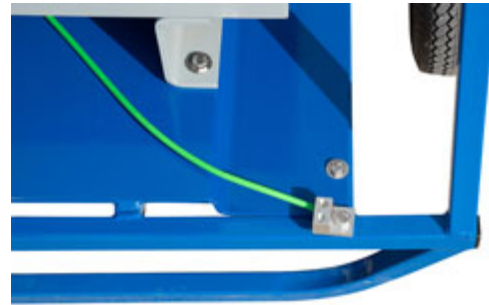
The Larson Electronics MGL-480V-15KVA-380V-1X25A Temporary Power Distribution Station converts three-phase 480V AC electrical current into three-phase 380V AC. This unit provides operators the ability to safely tap into and distribute 480V power from a variety of sources including generators and direct grid power.

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

**Portable Power Distribution Purpose and Use**

The MGL-480V-15KVA-380V-1X25A temporary power distribution system gives operators the ability to power their 380 volt equipment from a single system. On the primary side, operators connect 480 volt line-in power using 20' of #12 SOOW cord. On the secondary side, operators can complete connections to the breaker enclosure for 380V equipment.

**Operation:** A 20' #12 SOOW line-in cord brings 480V three phase power into the NEMA 3R 30-amp, 480V three phase primary disconnect, which contains three 25-amp time delay fuses, and passes power to the transformer. The NEMA 3R 15 KVA transformer converts 480V to 380V three phase and passes the current to the secondary panel. The secondary side of the transformer feeds a NEMA 3R 25-amp, 480V three phase breaker enclosure. This secondary panel contains a 25-amp fuse and allows operators to make connections to the breaker enclosure.

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**Protective Construction:** The transformer and load center/distribution assembly is mounted to a powder coated steel, dolly cart style frame, resulting in an extremely stable, durable, and mobile power distribution platform. Two run-flat rubber tires and a dolly cart style mounting platform provides easier substation mobility, and a center point lift point 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 150 KVA and can be equipped with skids or trailer mounted.

**Certification:** Larson Electronics is a UL 1640 panel shop and certified to build portable power distribution systems. All units are built in accordance to NFPA 70 (National Electric Code) and certified to UL 1640. All equipment is NEMA 3R rated for indoor and outdoor use and provide a degree of protection against dirt, water, and ice. NEMA 4 and NEMA 4X equipment can be equipped upon request.

**Grounding:** Transformer is grounded to the frame and we provide a grounding lug on the frame for the earth ground.

~Please check all motor loads for dual rated motors that will work 208 or 240.~

**Applications:** This power distribution system is NEMA 3R rated and ideal for indoor/outdoor use and applications including but not limited to; construction sites, plant maintenance, plant turnarounds, 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 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.

**Specifications / Additional Information****MGL-480V-15KVA-380V-1X25A -Temporary Power Distribution System****Line In:** 20' #12 SOOW Cord**Primary Voltage:** 480V AC 3PH**Primary Disconnect:** 30A 480V 3PH Fused @ 25A N3R**Primary Protection:** Disconnect**Transformer:** 15KVA 480V to 380V 3PH N3R**Secondary Voltage:** 380V AC 3PH**Secondary Panel:** 25A 480V 3PH Breaker Enclosure N3R**Secondary Protection:** (1) 25A Fuse**Form Factor:** Powder Coated Steel Dolly Cart w/ Run Flat Tires**Dimensions:** W-40" X D-40" X H-48"**Weight:** 350 lbs**Features:****Max Primary OCP:** 30A @ 480V**Max Secondary OCP:** 25A

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- Requirements**

Contact us for special requirements

**Toll Free:** 1-800-369-6671**Intl:** 1-903-498-3363**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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This product does not qualify for free shipping.

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Links (Click on the below items to view):

- [Manual](#)
- [WiringDiagram](#)
- [Hi-Res Image 1- 15 KVA Temporary Power Distribution \(Main\)](#)
- [Hi-Res Image 2 - 15 KVA Temporary Power Distribution \(Front\)](#)
- [Hi-Res Image 3 - 15 KVA Temporary Power Distribution \(Side 1\)](#)
- [Hi-Res Image 4 - 15 KVA Temporary Power Distribution \(Side 2\)](#)
- [Hi-Res Image 5 - 15 KVA Temporary Power Distribution \(Back\)](#)
- [Hi-Res Image 6 - 15 KVA Temporary Power Distribution \(Breaker Panel\)](#)
- [Hi-Res Image 7 - 15 KVA Temporary Power Distribution \(Fused Disconnect\)](#)
- [Hi-Res Image 8 - 15 KVA Temporary Power Distribution \(Cord Wrap\)](#)
- [Hi-Res Image 9 - 15 KVA Temporary Power Distribution \(20A 120V GFCI\)](#)
- [Hi-Res Image 10 - 15 KVA Temporary Power Distribution \(Ground\)](#)