



**MGL-600V-15KVA-208Y.120V-1X60A-4X30A-10X20A-10X15A Temporary Power Distribution**

**Line In:** Customer-provided Cord

**Primary Voltage:** 600V AC, 3PH

**Primary Disconnect:** -

**Primary Protection:** -

**Transformer:** 15KVA 600V to 208Y/120V 60Hz N3R

**Secondary Voltage:** 208Y/120V AC, 3PH

**Secondary Panel:** 100A 208Y/120V 3PH MCB N3R - 30ckt

**Secondary Breakers:** (1) 60A 3P [250V], (3) 2P [250V], (1) 30A 1P [125V], (10) 20A 1P [125V], (10) 15A 1P [125V]

**Secondary Receptacles:** -

**Secondary Protection:** Circuit Breakers

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

**Dimensions:** 40" x 40" x 48"

**Weight:** 650 lbs

Larson Electronics manufactures 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/Approvals**

**Max Primary OCP: 20A @ 600V**

**Max Secondary Output: 100A @ 208V**

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:** 1-214-616-6180

**Fax:** 1-903-498-3364

**E-mail:** [sales@larsonelectronics.com](mailto:sales@larsonelectronics.com)

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

**Made in Texas**

**The Larson Electronics MGL-600V-15KVA-208Y.120V-1X60A-4X30A-10X20A-10X15A Temporary Power Distribution Station converts three-phase 600V AC electrical current into three-phase 208Y/120V AC. This unit provides operators the ability to safely tap into and distribute 600V AC 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-600V-15KVA-208Y.120V-1X60A-4X30A-10X20A-10X15A temporary power distribution system gives operators the ability to power their equipment from a single system. On the primary side, operators connect three-phase 600 volt line-in power using a customer-provided cord. On the secondary side, operators are provided access to a main circuit breaker panel with circuit breakers.

**Operation:** A customer-provided line-in cord brings three-phase 600V power to the primary side of the NEMA 3R 15KVA transformer. The transformer converts three-phase 600V to 208Y/120V 60Hz and passes the current to the secondary panel. The secondary side of the transformer feeds a NEMA 3R 100-amp, three-phase 208Y/120V main circuit breaker panel, which contains one 60-amp 3-pole 250V, three 30-amp 2-pole 250V, one 30-amp 1-pole 125V, ten 20-amp 1-pole 125V and ten 15-amp 1-pole 125V breakers.

**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 150KVA, 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](mailto:sales@larsonelectronics.com) to discuss your specific requirements.

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