

**Power Distribution System - 30 kVA Transformer - 480 1P to 120/240 1P - (16) 120V Combination GFCI**

Part #: MGS-30KVA-16CGX120-2X240

**Made in the USA**

The Larson Electronics MGS-30KVA-16CGX120-2X240 heavy duty power transformer substation is designed for use for linear (motor) loads and converts 480 VAC single phase electrical current to single phase 120V AC and 240V AC. This unit provides operators the ability to safely tap into and distribute 480V 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\***

The MGS-30KVA-16CGX120-2X240 transformer provides a safe and effective 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 unit is designed to operate with 480 1P which it then steps down to 120V single phase and 240 VAC. This transformer makes 120VAC available via 16 combination GFCI protected 120 volt receptacles and switch (8 double gang), each protected by a dedicated circuit breaker. This power distribution system also provides 2 GFCI protected outlets for 240V AC.

20 feet of number 6 SO cord connects line in power to a fused ON/OFF disconnect switch which controls current to the 30 KVA, 480 Volt single phase transformer. The transformer is mounted to a 1/8" thick diamond plate and the distribution assembly is mounted onto a rugged 2 inch square carbon steel frame with 4 hard rubber casters and a top located lifting eyelet to allow easy transport. A forklift can be used to lift the unit as well.

This unit is configured for linear loads and as such is suited for use powering electric motors and industrial equipment. Features a NEMA 3R rating and is ideal for use in applications including but not limited to, plant maintenance, hazardous location operations, shows and exhibits and marine applications. These units are popularly used in hazardous locations where external power sources are often necessary.

Larson Electronics is a manufacturer and as such can build transformers 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

**Specifications / Additional Information**

**MGS-30KVA-16CGX120-2X240 Power Transformer**

**Line In:** 480 VAC Single Phase

**Line Out:** 120VAC - 240VAC Single Phase

**KVA:** 30

**120 VAC Outlets:** 16 X 120V-20 amp GFI Combination outlet/switches

**240 VAC Outlets:** 2 CS6369L Hubbell 240V 50 amp 3 pole twist lock

**Protection:** 20 X 120V-20 amp breakers

**Mounting:** Skid and Lifting Eyelet Equipped Steel Frame, 8-inch hard rubber casters

**Wiring:** 20' Line Power SO Cord (#6)

**Disconnect:** Fused ON/OFF Disconnect Switch

**Dimensions:** 36"W X 30"D X 56"T

**Panel:** 125 amp

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

**Special Orders- Requirements**

Contact us for special requirements

**Toll Free:** 1-800-369-6671

**Intl:** 1-903-498-3363

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

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