

Class I Division 2 Power Distribution - 15KVA - (2) 480V, (6) 120V Explosion Proof Receptacles

Part #: EP-MGL-480.3P-15KVA-2X480.60-6X120.20



Made in Texas

The Larson Electronics EP-MGL-480.3P-15KVA-2X480.60-6X120.20 hazardous location power distribution system is designed for operators to power their three-phase 480V and 120V equipment within Class I Division 2 rated areas.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION SYSTEMS OR SUBSTATIONS

This system is mounted on a square aluminum tube dolly cart with wheels, providing the portability required to position the unit near a 480V power source. The explosion proof unit gives operators the ability to power their 480 volt and 120 volt equipment from a single system. On the primary side, operators connect 480 volt line-in power via a customer provided cord. Operators connect 480V equipment to two, 60-amp 480V FSQC5640 receptacles. On the secondary side, operators connect to six 20-amp 120V explosion proof receptacles for their 120V equipment.

Operation: A customer provided line-in cord brings 480V three phase power to the 125-amp rated 480V three phase main panel, which contains two 60-amp breakers protecting two 60-amp 480V FSQC5640 receptacles. The Class I, Division 2 15 KVA transformer converts 480V three phase power to 208Y/120V three phase and passes the current to the secondary panel. The secondary side of the transformer feeds a 41.6-amp rated 208Y/120V three phase main lug panel. This secondary panel contains six 20-amp 120V breakers protecting six 20-amp 120V explosion proof receptacles. All receptacles are equipped with weatherproof covers.



[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)



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 designed for indoor and outdoor use in hazardous location areas for shipyard, plant maintenance and construction applications.

Larson Electronics is a manufacturer of power distribution systems and can custom build power distribution systems to your requirements. If this unit does not meet your needs please contact 1-800-369-6671 or sales@larsonelectronics.com to discuss your specific requirements.

Specifications / Additional Information**EP-MGL-480.3P-15KVA-2X480.60-6X120.20 Explosion Proof Power Distribution****Line In:** Customer Provided Cord**Primary Panel:** 480V 125A C1D1-2 Panel**Primary Breakers:** (2) 60A [480V], (1) 20A**Primary Receptacles:** (2) 60A FSQC5640 [480V]**Primary Disconnect:** -**Transformer:** 15KVA 480V-208Y/120V 3PH C1D2**Secondary Panel:** 208Y/120V 41.6A C1D1-2 Panel**Secondary Breakers:** (6) 20A [120V]**Secondary Receptacles:** (6) 20A [120V]**Form Factor:** Powder coated, aluminum tubing dolly cart with run-flat wheels**Dimensions:** 40"W X 40"D X 48"H**Weight:** 300 pounds**Max Primary OCP:** 125A @ 480V**Max Secondary OCP:** 41.6A @ 120V

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/Approvals

Made in the USA

Class I Division 2

Conforms to UL 1640

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

Scroll Down to Purchase

This product does not qualify for free shipping.

Part #: EP-MGL-480.3P-15KVA-2X480.60-6X120.20 (147262)









Links (Click on the below items to view):

- [Manual](#)
- [Hi-Res Image 1](#)
- [Hi-Res Image 2](#)
- [Hi-Res Image 3](#)
- [Hi-Res Image 4](#)
- [Hi-Res Image 5](#)
- [Hi-Res Image 6](#)
- [Hi-Res Image 7](#)
- [Hi-Res Image 8](#)
- [Hi-Res Image 9](#)
- [Hi-Res Image 10](#)