

EP-MGL-175C-200AMB-480V-7X3P.CB

Temporary Explosion Proof Power Distribution - 480V 3PH - (7) EXP Receptacles - 175' Cord

Product ID: 242845

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

EP-MGL-175C-200AMB-480V-7X3P.CB -Explosion Proof Temporary Power Distribution

Line-in Cord: 175' #1/0 Type W Cord

Line-in Cord Cap: -

Voltage: 480V AC, 3PH

Panel: 200A 480V 3PH MCB NEMA C1D1-2

Breakers: (2) 100A 3P [480V], (2) 60A 3P [480V], (3) 30A 3P [480V]

Receptacles: (2) 100A EPO10034 [480V], (2) 60A EPO6034 [480V], (3) 30A EPO3034 [480V]

Protection: Circuit Breakers, Weatherproof Covers

Max OCP: 200A @ 480V

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

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

Weight: 350 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

Class I, Divisions 1 & 2

NEMA Rated Indoor or Outdoor Use

Made in the USA

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

Fax: 1-903-498-3364

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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The Larson Electronics EP-MGL-175C-200AMB-480V-7X3P.CB temporary explosion proof power distribution system provides three-phase 480V AC

power via a 200-amp main circuit breaker panel. This Class I, Divisions 1 and 2 rated 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

Portable Power Distribution Purpose and Use: The EP-MGL-175C-200AMB-480V-7X3P.CB portable power distribution system gives operators the ability to power their 480 volt equipment from a single system. Three-phase 480V voltage can be accessed on the explosion proof panel via two EPO10034, two EPO6034 and three EPO3034 explosion proof receptacles. All receptacles are equipped with weatherproof covers.

Operation: A 175' 1/0 Type W cord brings three-phase 480V power to the Class I, Division 1 and 2 rated explosion proof main circuit breaker panel. This 200-amp main circuit breaker panel contains two, 100-amp 3-pole 480V breakers protecting two, 100-amp EPO10034 480V explosion proof receptacles, two 60-amp 3-pole 480V breakers protecting two, 60-amp EPO6034 480V explosion proof receptacles and three, 30-amp 3-pole 480V breakers protecting three, 30-amp EPO3034 480V explosion proof receptacles.

[Click Photo to Enlarge](#)

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Protective Construction: The explosion proof panel 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: All units are built in accordance to NFPA 70 (National Electric Code). All equipment is NEMA 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 explosion proof power distribution system is NEMA rated and ideal for indoor/outdoor use and applications including but not limited to: hazardous locations, 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.

Frequently Asked Questions (FAQ)









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Product ID: 242845

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](#)
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