Larson Electronics LLC
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MPD-600D-1X600.30A-15KVA-208Y.120-20X120.20A-MOD1

15KVA Power Substation - 600V to 208Y/120V 3PH - (1) ADRE3033 (20) 5-20R Dplx - Powder Coated White

Product ID: 152878

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.

MPD-600D-1X600.30A-15KVA-208Y.120-20X120.20A-MOD1 Power Distribution System

Line In: 600 VAC Three Phase (Customer supplied line-in cable)
Disconnect: 100 amp 600V fused at 80 amps
Transformer KVA: 75KVA 600V – 120/208Y
Line Out: 120/208V 3-Phase
Secondary Panel: 200 amp MB 120/208Y
Breakers: 10 X 120V 20 amp Breakers
Outlets: Dedicated 20 amp 5-20 GFCI outlets
Weight: 900 pounds

Dimensions: 40"W X 48"D X 54"T

Features:

Max Primary OCP: 208 amps @ 208Y

Max Secondary OCP: 72 amps @ 600V

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 - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

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

Made in the USA

This heavy duty power transformer substation converts 600 AC three phase electrical current to three phase 120/208vac. This unit provides operators the ability to safely tap into and distribute single phase 120VAC or three phase 208vac power from a variety of sources including generators and direct grid power. This model is designed to support both linear (motor) and non-linear loads (lighting, computers, etc.). For that reason, we deliver 120V and 208Y on the secondary and provide a neutral.

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

This Larson Electronics power distribution system 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 turn-arounds, maintenance and cleaning in hazardous areas, equipment installations and repairs and any activities requiring an alternative to native power sources. This portable power distribution system makes 120VAC available via 10 GFCI protected 20 amp receptacles.

Main power to the 75 KVA transformer is protected by a fused 3 Phase 100 amp NEMA 3R main disconnect fused at 80 amps. Power is routed from the transformer to a 3-phase 250-amp main breaker 120/208Y secondary panel. The transformer is mounted to a 1/8” thick steel plate and the distribution assembly is mounted onto a rugged 2 inch (3/16 wall thickness) square carbon steel frame, measuring 38" wide by 48" deep by 54" high, with 3" X 6" X 3/8" rectangular carbon steel skid pockets below and a top located lifting eyelet to allow easy transport.

Applications:

This power distribution system is ideal for indoor or outdoor use and applications including but not limited to, construction sites, plant maintenance, plant turnarounds, hazardous location operations, shows, exhibits, and shipyard operations. These power transformers are popularly used in applications where external power sources are often necessary and work well in combination with explosion proof lights and equipment.

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.

- Powder coated steel frame with skid pockets, top pick eye and polyurethane wheels
- 600V, 3-phase, 100 amp disconnect fused at 80 amps
- 75 KVA 600V - 120/208Y NEMA 3R transformer
- 200 amp main breaker 120/208Y NEMA 3R panel
- 10 X 20 amp 120v breakers
- 10 X 120V GFCI receptacles with watertight covers
- 10 X L5-30R receptacles in double gang bell boxes with watertight cover
- 4" x 6" high weight capacity locking casters

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.~

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Frequently Asked Questions (FAQ)

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Product ID: 152878

Harmonized System (HS) Code: 8504.21.0040

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **Operations Manual**
- **Wiring Diagram (Oneline)**
- **HigResPic1**
- **ISO 9001 Certification**
- **Business Certificate**
- **Shipping Time Map**