

45 KVA Power Distribution System - 440V Primary - 208Y/120V Secondary -(4) 50A & (6) 20A Outlets

Part #: MPD-440V-45KVA-208Y.120V-4X50A-6X20A



Made in Texas

The Larson Electronics MPD-440V-45KVA-208Y.120V-4X50A-6X20A power distribution system steps 440 VAC electrical current down to three phase 208Y/120VAC. This unit provides operators the ability to tie into a protected 60-amp, 440V service and power up to four 208V and six 120V devices. With this system, operators can take advantage of 125 amps of service on the secondary side.

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

The MPD-440V-45KVA-208Y.120V-4X50A-6X20A transformer provides a safe and effective way for operators in industrial settings to tap into and utilize power sources independently of work area limitations. This unit provides an effective power source for operators performing plant turn arounds, maintenance, equipment installations and repairs, or any activities requiring alternative voltages to those available on site. This unit provides 20' of 6/4 SOOW line-in cable with blunt cut end and protected by a 60-amp primary disconnect. This power distribution is configured for 440V primary service. A 45KVA 480-208Y/120 three phase transformer steps the 60 amps of 440V service down to 208Y/120 three phase power, feeding a 125-amp main breaker NEMA 3R panel. The secondary panel include four 50-amp breakers protecting four CS6369L receptacles, and six 20-amp breakers protecting six 20-amp, 120V GFCI receptacles. All receptacles are equipped with weatherproof covers.



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Unlike many portable power distribution boxes made of plastic and utilizing thin gauge, low grade metals in their construction, this unit is designed for serious use and is ruggedly constructed to withstand demanding conditions and heavy duty industrial applications. The transformer is mounted on a 3/16" thick carbon steel mounting platform and the load center/distribution assembly is mounted to a 2" by 2" by 1/8" thick square carbon steel tubing frame, resulting in an extremely stable, durable and well protected power distribution platform. The entire frame is powder coated with glossy blue finish for corrosion resistance and aesthetics. This model is equipped with forklift skid pockets, swivel casters, and a top located lifting eyelet which allows easy lifting with cable or chain hooks. This can be replaced for an additional cost with stainless steel, hot dip galvanized steel, or aluminum depending on the customer's needs.

This unit is weatherproof and ideal for use in applications including but not limited to: plant maintenance, welding stations, trade shows, exhibits

and marine applications. These units are popularly used in locations where external power sources are often necessary and work well in combination with generators or grid power.

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

MPD-440V-45KVA-208Y.120V-4X50A-6X20A Power Transformer

Line In: 20` 6/4 SOOW w/ Blunt Cut End

Primary Voltage: 440VAC

Primary Disconnect: 60A Fused @ 60A

Transformer: 45 KVA 440 3P- 208Y/120 3P N3R

Secondary Panel: 125A MCB N3R 208Y/120 3P

Secondary Breakers: (4) 50A (208V) and (6) 20A (120V)

Secondary Receptacles: (4) 50A CS6369L & (6) 5-20 GFCO w/ Hinged Waterproof Covers

Mounting: Carbon steel tubular frame, powder coated, w/ skid pockets, locking casters, & top picking eyelet

Dimensions: 36"W X 30"D X 56"H

Weight: ~350lbs

Features:

Max Primary OCP: 60 amps @ 440V

Max Secondary OCP: 125 amps @ 208V

Ratings

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: 1-903-498-3363

E-mail: sales@larsonelectronics.com

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.

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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Links (Click on the below items to view):

- [Manual](#)
- [WiringDiagram](#)
- [Hi-Res Image 1 - 45KVA 440V to 208Y/120V Power Distribution System](#)
- [Hi-Res Image 2 - 45KVA 440V to 208Y/120V Power Distribution System](#)
- [Hi-Res Image 3 - 45KVA 440V to 208Y/120V Power Distribution System](#)
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