

Portable Temporary Distribution Panel - 480V to 120/208Y - 45 KVA Transformer - 100 Amp MB

Part #: MGL-HD-45K-100MB-8X208Y.20-8X120.20

**Made in the USA**

The MGL-HD-45K-100MB-8X208Y.20-8X120.20 portable power distribution system converts 480 volts 3-phase power to 3-phase 208Y and single phase 120V. Operators can use eight of the Hubbell L15-20R receptacles or 8 of the 5-20 GFIC outlets to power tools and other equipment.

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

This power distribution system is designed to enable contractors using 120/240 volt equipment to operate off 480V service at customer sites. This dolly cart style configuration is easy to move around the customer site and can be loaded easily on a truck or other conveyance for transport to a different site.

This power distribution system does not include a disconnect. Instead, the operator ties the line in 20-foot 6/3 Type W cable to his on-site protection. The line-in cable goes directly to the 480 volt 3-phase N3R transformer, which steps it down to 208Y and 120 VAC. A 100-amp main breaker panel contains eight 208Y, 20-amp breakers and eight 120V, 20-amp breakers. These breakers protect eight Hubbell L15-20R receptacles with weatherproof covers and eight 5-20 GFI outlets with weatherproof covers.

Features:

- 20' 6/4 SOOW line in cable w/ flying leads
- 45 KVA 480V to 120/240 NEMA 3R transformer
- 100 Amp MB panel in NEMA 3R enclosure
 - (8) 20A double pole breakers protecting 5-20 GFI outlets with watertight covers
 - (8) 20A double pole breakers protecting Hubbell L15-20R receptacles with watertight covers
- Powder coated steel tube, heavy duty dolly cart with 2 sets of double 8-inch rubber wheels

The transformer and load center/distribution assembly is mounted to a standard steel cart style frame resulting in an extremely stable, durable, and mobile power distribution platform. Two rubber tires and a cart style mounting platform provides easier substation mobility, and a center point lift eye 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 can be equipped with skid pockets, wheels or trailer mounted.

Applications:

This power distribution system is NEMA 3R rated and ideal for indoor/outdoor use and applications including but not limited to; construction sites, plant maintenance, plant turnarounds, hazardous location operations, shows, exhibits, and shipyard operations.

Larson Electronics' 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.

Specifications / Additional Information**MGL-HD-45K-100MB-8X208Y.20-8X120.20****Line In:** 20' 6/3 Type W cable**Primary Voltage:** 480V**Disconnect:** None**Transformer:** 45 KVA NEMA 3R 480V-120/208Y**Secondary Voltage:** 120/208Y**Load Center:** 100 amp main breaker NEMA 3R 120/208Y panel**Breakers:** 8 x 20 amp double pole 20-amp, 8 x 20 amp single pole**Weight:** 380 lbs**Mounting:** Powder coated steel tube dolly cart w/ wheels**Dimensions:** W-38" X D-32" X H-60"**Ratings:**

NEMA 3R

Conforms to UL 1640

Max Primary OCP: 54 amps @ 480V**Max Secondary OCP:** 124 amps @ 208Y**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

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