

MPD-CW11-BW.100AB-DE75DP-LO-3.T10-M1

75 kVA Portable Power Distribution, 480V-240V/120 3PH, (3) 80A Breakers - Open Frame Cube

Product ID: 275589

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-CW11-BW.100AB-DE75DP-LO-3.T10-M1 - Temporary Power Distribution System Ratings

Line-in Cord: 20' #4/4 AWG TYPE W Cord

Line-in Cord Cap: Not Included - Requires Minimum Use Device 100A @ [480V]
(**Customer Provided**)

Primary Voltage (V): 480V AC Delta

Primary Phase (PH): 3-Phase (3PH)

Primary Frequency (HZ): 60 Hz (60-cycles)

Primary Disconnect: 200 A Fusible Disconnect - Fused at 125 A

Primary Breaker: (1) 100 A 3P MCCB [480 V]

Primary Protection: MCCB Circuit Breaker

Transformer (KVA): 75 kVA 480 V to 240D/120 V 3PH N3R

Secondary Voltage (V): 240/120 V AC Delta

Secondary Phase (PH): 3-Phase (3PH)

Secondary Frequency (HZ): 60 Hz (60-cycles)

Secondary Panel: 240D/120 V 3PH 175A MCB N3R - 24 Circuits (18 Spare Spaces)

Secondary Breakers: (3) 80 A 2P MCCB [250 V]

Secondary Outlets: -

Secondary Protection: MCCB Circuit Breakers

Form Factor: Blue Powder Coated Steel Closed Cube w/ Casters

Doors: (2)

Frame Material: Carbon Steel

Form Factor: Square Tube Frame w/ Skid Pockets, Top Pick Eye & Locking 8" Casters

Frame Finish: High-strength TGIC Polyester Powder Coated Blue

Max Primary OCP: 100 A @ 480 V

Max Secondary Output: 175 A @ 240 V

NEMA 3R Indoor or Outdoor Use

Made in the USA

NRTL Certified to UL 1640

NRTL Certified to CSA C22.2 No. 14

Powder Coat Finish Standards:

Complies with ASTM D-523

Complies with ASTM D-3359

Complies with ASTM D-522

Complies with ASTM D-3363

Complies with ASTM D-2794

Cart Handle Orientation: Horizontal
Lifting Eyelet: (1) Top Located
Skid Pockets: (2) Bottom Located
Casters: (4) Locking Casters
Dimensions: 34.00"-L x 40.00"-W x 58.00"-H
Weight: 600 lb

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.

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

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

Made in Texas

The Larson Electronics MPD-CW11-BW.100AB-DE75DP-LO-3.T10-M1 Power Distribution Substation converts three-phase 480 V AC electrical current to three-phase 240/120 V AC. This open cube style power distribution unit provides operators the ability to safely tap into and distribute 480 V 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****

The MPD-CW11-BW.100AB-DE75DP-LO-3.T10-M1 temporary power distribution system gives operators the ability to power their 120 volt equipment from a single system.

Operation:

- Primary Voltage: 3-phase 480 V AC, Delta
- Primary Receptacles: N/A
- Transformer: 75 kVA 480 V to 240D/120 V 3PH N3R
- Secondary Voltage: 3-phase 240/120 V AC
- Secondary Receptacles: N/A

*See specification table at the top of the page for more information about the power distribution system.

Protective Construction: 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 and load assembly is mounted on a 3/16" thick carbon steel mounting platform and the load center/distribution assembly is mounted to the standard 2" x 2" x 1/8" square carbon steel tubing frame, resulting in an extremely stable, durable, and well protected power distribution platform. This model is equipped with forklift skid pockets, locking polyurethane 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. Larger units are available upon request and can be equipped with skids or be trailer mounted.

[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)



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.~

Certification: 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.

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, shows, exhibits, and shipyard operations. These power distribution systems are popularly used in applications where external power sources are often necessary. We also offer class rated transformers for use within explosion proof and hazardous location environments.

Custom Built Systems Available: Larson Electronics is a manufacturer and we can build portable power distribution systems to your specifications. Although we carry several models of portable power distribution systems in stock, 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)











MPD-CW11-BW.100AB-DE75DP-LO-3.T10-M1

Product ID: 275589

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](#)
- [MSDS \(Material Safety Data Sheet\)](#)
- [Operations Manual](#)
- [RoHS Certificate \(Restriction of Hazardous Substances\)](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
- [HigResPic9](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)