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MPD-CW15-CLP6.400A-DC300YT-UZ-T54-2.T64-15.CLR6-M1

300 KVA Open Frame Distro Skid, 600-208Y/120V 3PH, (2) 400A (1) 100A 3P Breakers, Camlock Input & Output, N4X

Product ID: 291710

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: MPD-CW15-CLP6.400A-DC300YT-UZ-T54-2.T64-15.CLR6-M1

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-CW15-CLP6.400A-DC300YT-UZ-T54-2.T64-15.CLR6-M1 -Temporary Power Distribution System

Line In: (1 Set) 400A Single-pole 16-Ser. Male [brown, orange, yellow] & Female [green] Camlock Receptacles [600V] w/Power Indicator
Line-in Cord Cap: -
Primary Voltage (V): 600V AC Delta
Primary Phase (PH): 3-Phase (3PH)
Primary Frequency (HZ): 60 Hz (60-cycles)
Primary Panel: 600V 3PH 400A Hinged Breaker Enclosure N4X
Primary Breaker: (1) 400A 3P MCCB [600V]
Primary Protection: MCCB Circuit Breaker; Flip Covers
Transformer (KVA): 300 KVA 600V to 208Y/120V 3PH N3R
Secondary Voltage (V): 208V AC Wye
Secondary Phase (PH): 3-Phase (3PH)
Secondary Frequency (HZ): 60 Hz (60-cycles)
Secondary Panel: 208Y/120V 3PH 833A MLO N4X
Secondary Breakers: (1) 200A 3P MCCB [250V]; (2) 400A 3P MCCB [250V]
Secondary Outlets: (3 Sets) 400A Single-pole 16-Ser. Female [black, red, blue] & Male [green, white] Camlock Receptacles [600V] w/ Power Indicators
Secondary Protection: MCCB Circuit Breakers; Flip Covers
Form Factor: Blue Powder Coated Steel Open Cube w/ Casters

Ratings

Max Primary OCP: 400A @ 600V

Max Secondary Output: 833A @ 208V
NEMA 4X/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

Doors: (2)
Frame Material: Steel
Frame Finish: High-strength TGIC Polyester Powder Coated Blue
Cart Handle Orientation: Horizontal
Lifting Eyelet: (4) Top Located
Skid Pockets: (2) Bottom Located
Casters: (4) Locking Casters
Dimensions: 58"-L x 48"-W x 62"-H
Weight: 3150 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.

Special Orders - Special Requirements
Contact us for special requirements
Intl: 1-903-270-1187
Toll Free: 1-800-369-6671
Fax: 1-903-765-7664
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-CW15-CLP6.400A-DC300YT-UZ-T54-2.T64-15.CLR6-M1 Power Distribution Substation converts three-phase 600V AC Delta electrical current to three-phase 208V AC Wye. This fully enclosed power distribution unit provides operators the ability to safely tap into and distribute 600V 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-CW15-CLP6.400A-DC300YT-UZ-T54-2.T64-15.CLR6-M1 temporary power distribution system gives operators the ability to power their 208 volt equipment from a single system.

Operation:

• Primary Voltage: 3-phase 600V AC, Delta

• Primary Receptacles: N/A

• Transformer: 300 KVA 600V to 208Y/120V 3PH N3R

• Secondary Voltage: 3-phase 208V AC Wye

• Secondary Outlets: (3 Sets) 400A Single-pole 16-Ser. Female [black, red, blue] & Male [green, white] Camlock Receptacles [600V] w/ Power Indicators

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

Protective Construction: This temporary power distribution unit is fully is ruggedly constructed to withstand demanding conditions and industrial applications. 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 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 trailer mounted.

A weatherproof flip cover at the front of the unit can be lifted upwards via an accessible handle, which serves as protection for (primary and secondary) breakers and receptacles in rugged environments when deployed at the site. Operators may access locks on the door and on the ears (accessible from the inside of the lid) of the panel. The panel can be positioned upwards and locked in place for easy access to receptacles and breakers. A drain plug on the panel helps the power distribution system achieve a NEMA rating, allowing the unit to be used in both indoor and outdoor locations. The model is equipped with bottom-located forklift skid pockets and four top-located lifting eyelets, which allows easy lifting with cable or chain hooks. Four locking casters at the base provides mobility around work sites.

The power distribution system is constructed of steel with a polyester powder coated blue finish for durability against dirt, moisture and mild corrosion. This special coating creates a high-strength barrier for protection from accidental bumps and scratches. The TGIC polyester powder coat finish offers reliable resistance against chemicals, UV light (sun light) and degrading elements in outdoor locations. Our powder coating solution ensures robust color retention for many years without fading. Custom colors, such as black, grey, desert tan or forest green, and galvanized finishes are available upon request. Non-standard powder coat colors or galvanized finishes may increase price and lead times.

The transformer and load center/distribution assembly is mounted to a standard steel cube style frame resulting in an extremely stable, durable and mobile power distribution platform. This temporary power distribution solution can be modified to meet the needs of job-site receptacle requirements. Larger units are available upon request and can be equipped with skids or trailer mounted.

Certification: All units are built in accordance to NFPA 70 (National Electric Code) and NRTL certified to UL 1640. The primary and secondary panels are NEMA 4X rated for indoor and outdoor use and provide a degree of protection against dirt, water, ice and corrosion. NEMA 3R and NEMA 4 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 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.

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Frequently Asked Questions (FAQ)

There are no Faqs

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Export Control Classification Number (ECCN): EAR99

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Links (Click on the below items to view):

- **ANSI Certificate 1**(https://www.larsonelectronics.com/images/product/ANSICert1/291710.PDF)
- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(https://www.larsonelectronics.com/images/product/CECCert/291710.PDF)
- **Catalog Page - Product Series**(https://www.larsonelectronics.com/images/product/CatalogPage/291710.PDF)
- **CE Certificate**(https://www.larsonelectronics.com/images/product/CECert/291710.PDF)
- **Certificate 1, Misc**(https://www.larsonelectronics.com/images/product/Cert1/291710.PDF)
- **Certificate 2, Misc**(https://www.larsonelectronics.com/images/product/Cert2/291710.PDF)
- **Certificate 5, Misc**(https://www.larsonelectronics.com/images/product/Cert5/291710.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com/images/product/Msds/291710.PDF)
- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/291710.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com/images/product/RoHSCert/291710.PDF)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(https://www.larsonelectronics.com/images/product/NECCert/291710.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com/images/product/WiringDiagram/291710.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/291710.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/291710.JPG)
- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/291710.JPG)
- **HigResPic4**(https://www.larsonelectronics.com/images/product/HigResPic4/291710.JPG)
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- **Shipping Time Map**(https://www.larsonelectronics.com/images/product/ShippingTimeMap/ShippingTimeMap.pdf)