Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

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MPD-CW11-TB.200AB-YE75YT-PP-42CKT-6.N10-M1

75 KVA Portable Power Distribution Transformer, 480Y/277V to 208Y/120V 3PH, (6) 5-20R GFCI Duplex Outlets, NEMA 3R

Product ID: 327366

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



Image: MPD-CW11-TB.200AB-YE75YT-PP-42CKT-6.N10-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.

This unit is Made In USA - Manufactured in Texas

MPD-CW11-TB.200AB-YE75YT-PP-42CKT-6.N10-M1 Power Distribution

Line-In Cord: Not Included - Requires Minimum Use Wiring 200A Rated Cu @ [600V] (**Customer Provided**)
Line-In Cord Cap: Not Included – Requires Minimum Use Device 200A @ [480V] (**Customer Provided**)
Primary Voltage: 480Y/277V AC Wye
Primary Phase (PH): 3-Phase (1PH)
Primary Frequency (HZ): 60 Hz (60-cycles)
Primary Panel: 480V 3PH 200A MCCB 42CKTs N3R
Primary Breaker(s): (1) 100A 3P MCCB [480V]
Primary Outlet(s): N/A
Primary Protection: MCCB Circuit Breaker
Transformer: 75KVA 480V – 208Y/120V 3PH N3R
Secondary Voltage: 208Y/120V AC Wye
Secondary Phase (PH): 3-Phase (1PH)
Secondary Frequency (HZ): 60 Hz (60-cycles)
Secondary Panel: 208Y/120V 3PH 200A MCCB N3R
Secondary Breaker(s): (6) 20A 1P MCB [125V]

Ratings

Max OCP Primary: 200A @ 480V

Max Secondary Output: 200A @ 208V

NEMA 3R Indoor / Outdoor Use
Made in the USA

Secondary Outlet(s): (6) 5-20R NEMA Duplex-GFCI [125V]
Secondary Protection: MCB Circuit Breakers; GFCI's
Form Factor: Blue Powder Coated Steel Closed Cube w/ Casters
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: (*Please note that dimensions are approximate and subject to change*) 58.5"-L x 33.5"-W x 73.7"-H
Weight: (*Please note that weight is approximate and subject to change*) 1650 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: 1-214-616-6180
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

This unit is Made In USA - Manufactured in Texas

The MPD-CW11-TB.200AB-YE75YT-PP-42CKT-6.N10-M1 from Larson Electronics is a Power Distribution Substation that converts three-phase 480Y/277V AC Wye electrical current into three-phase 208Y/120V AC Wye. This unit provides operators the ability to safely tap into and distribute 480Y/277V AC Wye 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-TB.200AB-YE75YT-PP-42CKT-6.N10-M1 temporary power distribution system gives operators the ability to power their 208 volt and 120 volt equipment from a single system.

Operation:

• Primary Voltage: 480Y/277V AC Wye 3PH

• Primary Panel: 480V 3PH 200A MCCB 42CKTs N3R

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

• Primary Outlet(s): N/A

• Transformer: 75KVA 480V – 208Y/120V 3PH N3R

• Secondary Voltage: 208Y/120V AC Wye 3PH

• Secondary Panel: 208Y/120V 3PH 200A MCCB N3R

• Secondary Breaker(s): (6) 20A 1P MCB [125V]

• Secondary Outlet(s): (6) 5-20R NEMA Duplex-GFCI [125V]

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

Portable Power Distribution Purpose and Use: The MPD-CW11-TB.200AB-YE75YT-PP-42CKT-6.N10-M1 portable power distribution system gives operators the ability to power their equipment from a single system. On the primary side, operators connect 480 volt using a customer provided cord. On the secondary side, operators may access a secondary panel with outlets.

Operation: A customer provided cord brings three-phase 480Y/277V AC Wye power to the primary panel and passes power to the transformer. The NEMA 3R 75 KVA transformer converts 480Y/277V AC Wye to three-phase 208Y/120V AC, 60 Hz and passes the current to the secondary side. The secondary side of the transformer is equipped with a NEMA 3R 200-amp, three-phase MCCB panel. This panel contains six 20-amp 2-pole 125V miniature circuit breakers protecting six 5-20R GFCI duplex outlets.

Protective Construction: This temporary power distribution unit is fully enclosed and is ruggedly constructed to withstand demanding conditions and industrial applications. The system is accessible via two doors at each end for access to breakers on the panels and a center-located door for access to receptacles. 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). 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.

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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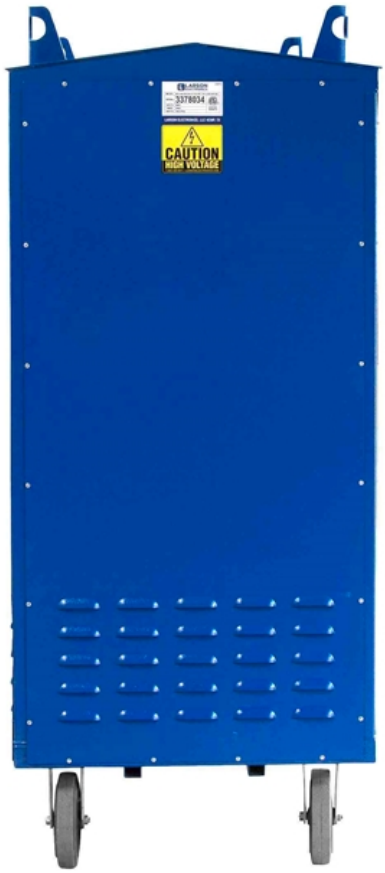


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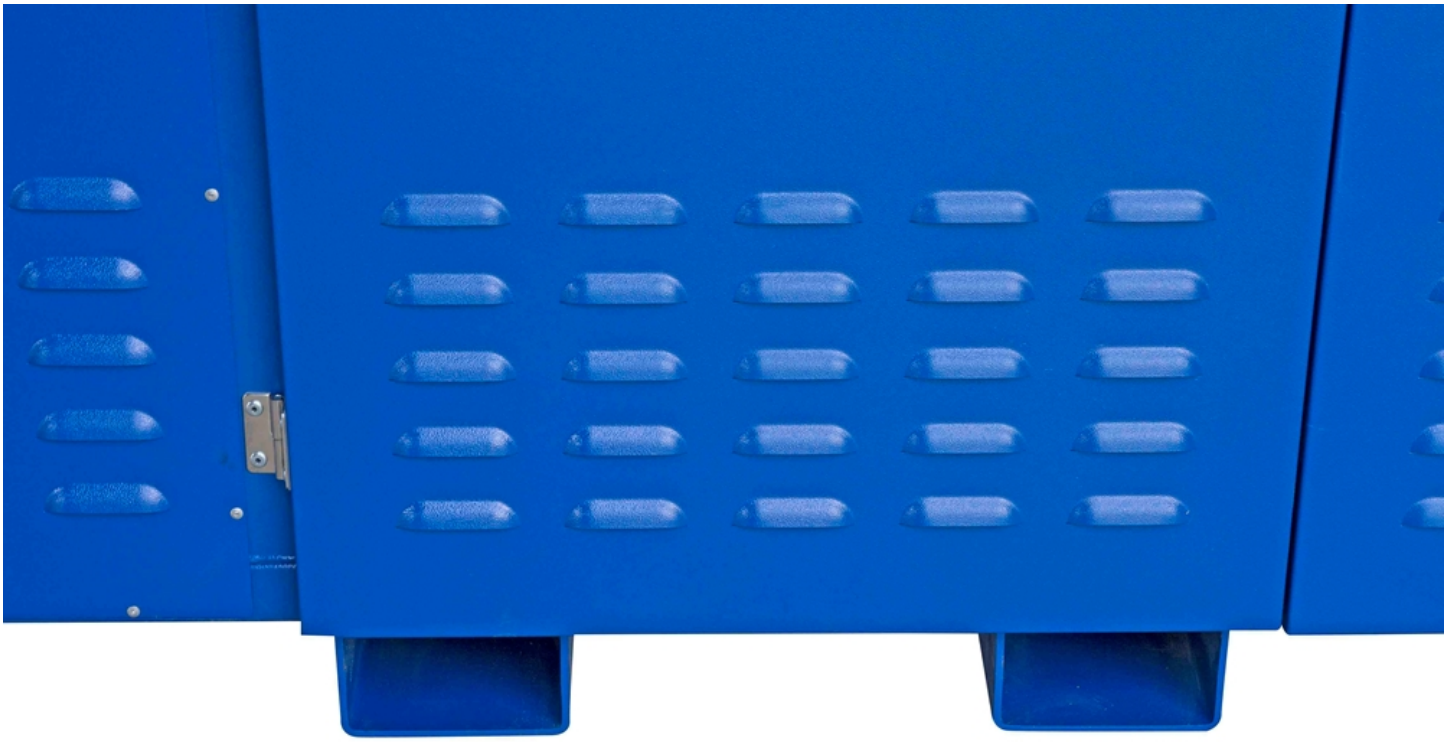


Image: MPD-CW11-TB.200AB-YE75YT-PP-42CKT-6.N10-M1

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **ANSI Certificate 1**(https://www.larsonelectronics.com/images/product/ANSICert1/327366.PDF)
- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(https://www.larsonelectronics.com/images/product/CECCert/327366.PDF)
- **Catalog Page - Product Series**(https://www.larsonelectronics.com/images/product/CatalogPage/327366.PDF)
- **CE Certificate**(https://www.larsonelectronics.com/images/product/CECert/327366.PDF)
- **Certificate 1, Misc**(https://www.larsonelectronics.com/images/product/Cert1/327366.PDF)
- **Certificate 2, Misc**(https://www.larsonelectronics.com/images/product/Cert2/327366.PDF)
- **Certificate 5, Misc**(https://www.larsonelectronics.com/images/product/Cert5/327366.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com/images/product/Msds/327366.PDF)
- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/327366.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com/images/product/RoHSCert/327366.PDF)
- **Single Line Diagram (One-Line Diagram)**(https://www.larsonelectronics.com/images/product/Oneline/327366.PDF)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(https://www.larsonelectronics.com/images/product/NECCert/327366.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com/images/product/WiringDiagram/327366.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/327366.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/327366.JPG)
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