

***RENT* 75KVA Temporary Power Distribution - 480V to 208Y/120 - (1) L21-30R, (2) L21-50R, (5) 5-20R**

Part #: RNT-MPD-480V-75KVA-3X208.30A.50A-5X120.20A



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function MM_openBrWindow(theURL,winName,features) { //v2.0 window.open(theURL,winName,features); }
```

Made in Texas

This unit is for rentals

The Larson Electronics RNT-MPD-480V-75KVA-3X208.30A.50A-5X120.20A power distribution substation converts 480V AC three phase electrical current into three phase 208Y/120 AC. This unit provides operators the ability to safely tap into and distribute 480V 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

Portable Power Distribution Purpose and Use

The RNT-MPD-480V-75KVA-3X208.30A.50A-5X120.20A portable power distribution system gives operators the ability to power their 208 volt and 120 volt equipment from a single system. On the primary side, operators connect 480 volt line-in power via 20' 2/4 SOOW cord with blunt cut end. On the secondary side, operators connect to one L21-30R and two L21-50R receptacles for their 208V equipment, and connect to five 5-20R GFCI duplex receptacles for 120V equipment.

Operation: The 20' 2/4 SOOW line-in cord brings 480V three phase power to the NEMA 3R 100-amp 480V three phase primary disconnect, which contains three 100-amp time delay fuses protecting protecting the 75 KVA transformer. The NEMA 3R 75 KVA transformer converts 480V three phase power to 208Y/120 three phase and passes the current to the secondary panel. The secondary side of the transformer feeds a NEMA 3R 225-amp 208Y/120 three phase main lug panel. This secondary panel contains one 30-amp 3-pole breaker protecting 30-amp L21-30R twist-lock receptacles, two 50-amp 3-pole breakers protecting two 50-amp L21-50R twist-lock receptacles, and five 20-amp 120V breakers protecting five 120V 20-amp 5-20R duplex receptacles. All receptacles are equipped with weatherproof covers.



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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 casters, and a top located lifting eyelet allows easy lifting with cable or chain hooks. This can be replaced with stainless steel, hot dip galvanized steel, or aluminum depending on the customer's needs for an additional cost. Larger units are available upon request, and can be equipped with skids or trailer mounted.

Certification: Larson Electronics is a UL 1640 panel shop and certified to build portable power distribution systems. 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.

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.

Specifications / Additional Information**RNT-MPD-480V-75KVA-3X208.30A.50A-5X120.20A Power Transformer****Line-In Cord:** 20` 2/4 SOOW Cord**Max OCP Primary:** 100A @ 480V**Line-In Cord Cap:** Customer Provided

UL 1640 Portable Power-Distribution Equipment

Primary Voltage: 480V 3-Phase

NEMA 3R Indoor / Outdoor Use

Primary Disconnect: 480V 100A Fused @ 100A N3R

Made in the USA

Primary Panel: -**Primary Breakers:** -**Primary Receptacles:-****Primary Protection:** Disconnect Switch**Transformer:** 75KVA 480V 3-Phase to 208Y/120 3-Phase N3R**Secondary Voltage:** 208Y/120 3-Phase**Secondary Panel:** 208Y/120 225A MLO N3R**Secondary Breakers:** (1) 30A [208V], (1) 50A [208V], (10) 20A [120V]**Secondary Receptacles:** (1) L21-30R [208V], (1) L21-50R [208V], (10) 20A 5-20R [120V]**Secondary Protection:** GFCI (5-20R), Weatherproof Covers**Special Orders- Requirements****Form Factor:** Square tube frame, skid pockets, top pick eye & locking 8" locking casters

Contact us for special requirements

Frame Materials: Powder coated steel frame**Toll Free:** 1-800-369-6671**Dimensions:** 34" X 44" X 58"**Intl:** 1-903-498-3363**Weight:** 700 pounds**E-mail:** sales@larsonelectronics.com**Rental Type:** Monthly, Weekly, Daily

Rentals: In an effort to cut back on contracts and various other paper work, Larson Electronics processes rentals like purchases until the product is returned. (Rent to Own Rates) This means, we will charge the customer for the product total and credit back the difference once the fixture is returned. Weekly and Monthly terms are available. Customer must pay shipping to and from the destination. Please contact us at (903) 498-3363 for further information if required.

Rental Prices for the RNT-MPD-480V-75KVA-3X208.30A.50A-5X120.20A;;

Monthly...\$1000 USD

Weekly...\$425 USD

Subtract rental cost from total cost for the amount that will be credited back to customer upon return of product. Customer can choose to convert their rental to a purchase at any time during the rental period. When returned, deductions will also be made for shipping, repairs, and excessive cleaning, if needed.

Scroll Down to Purchase

This product does not qualify for free shipping.

Part #: RNT-MPD-480V-75KVA-3X208.30A.50A-5X120.20A (148669)

Options:

RNT-MPD-480V-75KVA-3X208.30A.50A-5X120.20A- RENTAL TYPE

Example: RNT-MPD-480V-75KVA-3X208.30A.50A-5X120.20A-MR

RENTAL TYPE	
Monthly	-MR
Weekly	-WR
Daily	-DR









Links (Click on the below items to view):

- [Manual](#)
- [Hi-Res Image 1 - Temporary Power Distribution with 480 Volt Transformer Main](#)
- [Hi-Res Image 2 - Temporary Power Distribution with 480 Volt Transformer Side Angle](#)
- [Hi-Res Image 3 - Temporary Power Distribution with 480 Volt Transformer Back Angle](#)
- [Hi-Res Image 4 - Temporary Power Distribution with 480 Volt Transformer 3/4 Angle](#)
- [Hi-Res Image 5 - Temporary Power Distribution with 480 Volt Transformer 3/4 Angle 2](#)
- [Hi-Res Image 6 - Temporary Power Distribution with 480 Volt Transformer Outlet Box Close Up](#)
- [Hi-Res Image 7 - Temporary Power Distribution with 480 Volt Transformer Switch Box Interior](#)