Larson Electronics LLC
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MPD-CD1-NTL.30AB-DE15YT-CZ-3.L08-4.N10-M1

15 KVA Portable Power Distro Cart, 480V-208Y/120V, (3) L6-20R (4) 5-20R Duplex Outlets, 20' 10/4 SOOW Line-In w/ L16-30P

Product ID: 265635

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.

This unit is Made In USA - Manufactured in Texas

MGL15-480.3P.TL20C-3X208.2P.20A-4X120.1P.20A-M1 -Temporary Power Distribution System

Line-in Cord: 20' #12 SOOW Cord w/ Cord Cap
Line-in Cord Cap: 30A L16-30P [480V]
Primary Voltage: 480V AC 3PH
Primary Disconnect: 30A 480V 3PH Fused @ 25A
Primary Protection: Disconnect, Time Delay Fuses
Transformer: 15KVA 480V to 208Y/120V 3PH 60Hz N3R
Secondary Voltage: 208Y/120V AC 3PH
Secondary Panel: 50A 208Y/120V 3PH MLO N3R
Secondary Breakers: (3) 20A 2P [250V], (4) 20A 1P [125V]
Secondary Outlets: (3) 20A L6-20R [250V], (4) 20A 5-20R Duplex GFCI [125V]
Secondary Protection: GFCI, Circuit Breakers, Weatherproof Covers
Form Factor: Powder Coated Steel Dolly Cart w/ Run Flat Tires
Dimensions: W-40" X D-40" X H-48"
Weight: 350 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.

Ratings

Max Primary OCP: 25A @ 480V
Max Secondary Output: 41.6A @ 208V
NEMA 3R Indoor or Outdoor Use
Made in the USA

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

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The Larson Electronics MGL15-480.3P.TL20C-3X208.2P.20A-4X120.1P.20A-M1 temporary power distribution system converts three-phase 480V AC electrical current into three-phase 208Y/120V 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*

The MGL15-480.3P.TL20C-3X208.2P.20A-4X120.1P.20A-M1 temporary 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` of #12 SOOW cord with a L16-30P cord cap. On the secondary side, operators connect to three L6-20R receptacles for 208V equipment and four 5-20R duplex GFCI receptacles for 120V equipment. All receptacles are equipped with weatherproof covers.

Operation: A 20` #12 SOOW line-in cord with a 30-amp 480V L16-30P cord cap brings three-phase 480V AC power to the NEMA 3R 30-amp, three-phase 480V primary disconnect, which contains three 25-amp time delay fuses, and passes power through to the transformer. The NEMA 3R 15KVA transformer converts 480V to three-phase 208Y/120V 60Hz and passes the current to the secondary panel. The secondary side of the transformer feeds a NEMA 3R 50-amp, three-phase 208Y/120V main lug only panel. This secondary panel contains three 20-amp 2-pole 250V breakers protecting three 20-amp 250V L6-20R receptacles and four 20-amp 1-pole 125V breakers protecting four 20-amp 125V 5-20R duplex GFCI receptacles.



Click Photo to Enlarge



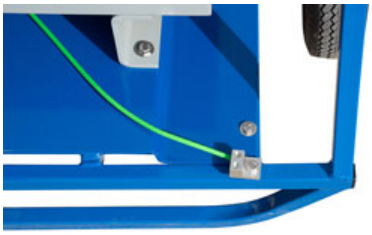
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Protective Construction: The transformer and load center/distribution assembly is mounted to a powder coated steel, dolly cart style, frame resulting in an extremely stable, durable, and mobile power distribution platform. Two run-flat rubber tires and a dolly cart style mounting platform provides easier substation mobility, and a center point lift point 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 are available up to 150KVA, and can be equipped with skids or trailer mounted.

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.

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

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Frequently Asked Questions (FAQ)

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CAUTION
SHED ALL LOADS
BEFORE TURNING
ON / OFF
WARNING





Export Control Classification Number (ECCN): EAR99

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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)
- Single Line Diagram (One-Line Diagram)
- USA NEC Certificate (Commonly referred to as UL Certificate)
- Wiring Diagram
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
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- HigResPic8
- HigResPic9
- HigResPic10
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map