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MPD-CD1-309.32AB-DE9YK-ZZ-1.L36-M1

9 KVA Temporary Power Distribution - 480V 3PH-400Y/231 3PH, (1) L22-20R Outlets, 5' 10/5 SOOW Cord w/ 332P7W Plug, Dolly Cart, NEMA 3R

Product ID: 311656

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

MPD-CD1-309.32AB-DE9YK-ZZ-1.L36-M1 Mobile Distribution Center
Line-in Cord: 5' #10/5 AWG SOOW Cord
Line-in Cord Cap: 332P7W 3P+E 32A IEC Plug [480V]
Primary Voltage (V): 480V AC Delta
Primary Phase (PH): 3-Phase (3PH)
Primary Frequency (HZ): 60 Hz (60-cycles)
Primary Panel: N/A
Primary Breaker(s): N/A
Primary Outlet(s): N/A
Primary Protection: (**Customer Provided**)
Transformer: 9KVA 480V – 400Y/231V 3PH N3R
Secondary Voltage (V): 400Y/231V AC Wye
Secondary Phase (PH): 3-Phase (3PH)
Secondary Frequency(HZ): 60 Hz (60-cycles)
Secondary Panel: N/A
Secondary Breaker(s): N/A
Secondary Outlet(s): (1) L22-20R Twist-Lock Receptacle [277/480V]
Secondary Protection: (**Customer Provided**)
Form Factor: Blue Powder Coated MGL Dolly Cart w/ Casters
Dimensions: -
Weight: -
Larson Electronics manufacture a wide variety of custom power distribution systems. The

Ratings
Max Primary OCP: 32A @ 480V
Max Secondary OCP: 20A @ 400V
NRTL Listed to UL 1640 Portable Power-Distribution Equipment
NEMA 3R Indoor or Outdoor Use
Made in the USA

Special Orders - Special Requirements
Contact us for special requirements
Intl: 1-214-616-6180
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

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meet the minimum requirements of the National Electronic Code section 250*

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The MPD-CD1-309.32AB-DE9YK-ZZ-1.L36-M1 from Larson Electronics is a Mobile Power Distribution System that converts three-phase 480V AC Delta electrical current into three-phase 400Y/231V AC Wye. This unit provides operators the ability to safely tap into and distribute 480V AC Delta 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-CD1-309.32AB-DE9YK-ZZ-1.L36-M1 temporary power distribution system gives operators the ability to power their 400 volt and 231 volt equipment from a single system.

Operation:

- Primary Voltage: 480V AC Delta 3PH
- Primary Panel: N/A
- Primary Breaker(s): N/A
- Primary Outlet(s): N/A
- Transformer: 9KVA 480V – 400Y/231V 3PH N3R
- Secondary Voltage: 400Y/231V AC Wye 3PH
- Secondary Panel: N/A
- Secondary Breaker(s): N/A
- Secondary Outlet(s): (1) L22-20R Twist-Lock Receptacle [277/480V]

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

Protective Construction: 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 3R rating, allowing the unit to be used in both indoor and outdoor locations.

The transformer is protected by vibration isolators that reduce damage to exterior jacket of wiring components and decrease noise during operation. In MGL-style power distribution systems, the presence of vibration isolators ensures wiring between the transformer and panel is well protected and does not have to be frequently replaced. Vibration isolators can also be found on the breakers, which protect the breakers from damage, prevent loose bolts/nuts and reduce overall noise during use in the field.

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 cart style frame resulting in an extremely stable, durable, and mobile power distribution platform. Two rubber tires and a cart style mounting platform provides easier substation mobility, and a center point lift eye 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. 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 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.

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Frequently Asked Questions (FAQ)

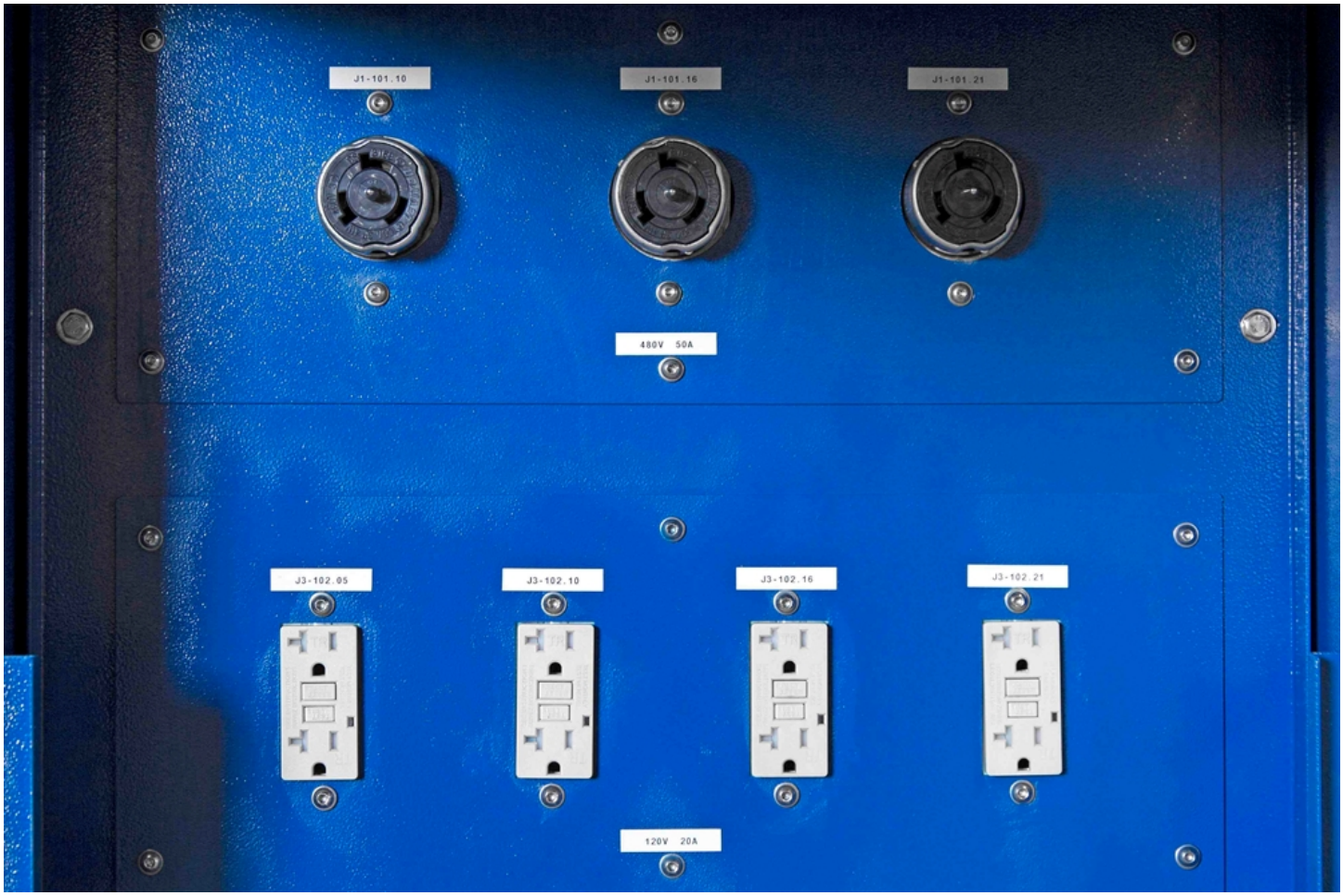
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Links (Click on the below items to view):

- 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
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- HigResPic4
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- HigResPic6
- HigResPic7
- HigResPic8
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- Video1
- Video2
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map