

MPD-CC1-309.40AB-DB35YE-GZ-TBX.60A-M1

35 KVA Power Distribution Skid Assembly, 660V-480Y/277V 3PH, Electrostatic Shield Transformer, 40A Disconnect Switch, 60A Panelboard

Product ID: 338965

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



Image: MPD-CC1-309.40AB-DB35YE-GZ-TBX.60A-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-CC1-309.40AB-DB40YE-GZ-TBX.60A-M1 Power Distribution

Line-In Cord: N/A (Hardwired)

Line-in Cord Cap: N/A

Primary Voltage: 660V AC

Primary Phase: 3-phase

Primary Frequency: 60 Hz

Primary Panel: N/A

Primary Disconnect: (1) 40A 3P Disconnect Switch

Primary Outlet(s): N/A

Primary Protection: 700V Disconnect Switch, 40AT/60AF, 115 kAIC

Transformer: 35 kVA 660V - 480V 3PH Dry-Type Isolation Transformer w/ Electrostatic Shield, NEMA 3R

Secondary Voltage: 480Y/277V AC

Secondary Phase: 3-Phase, 4-Wire

Secondary Frequency: 60 Hz

Secondary Panel: 480Y/277V Panelboard, 20 kAIC

Secondary Breaker(s): (1) 60A 3P Main Circuit Breaker; (4) 20A 3P Branch Circuit Breakers

Secondary Outlet(s): N/A

Secondary Protection: Circuit Breakers

Ratings

Max OCP Primary: 40A @ 660V

Max OCP Secondary: 60A @ 480V

NRTL Certified to UL 1640 Portable Power-Distribution Equipment

NEMA 3R Outdoor Rated

Made in the USA

Special Orders - Special Requirements



Form Factor: Skid-Mounted Auxiliary Power Distribution Assembly

Casters: N/A

Frame Materials: Galvanized/Painted Steel Skid

Dimensions: -

Weight: -

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.

Intl: 1-903-270-1187

Contact us for special requirements

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 MPD-CC1-309.40AB-DB35YE-GZ-TBX.60A-M1 from Larson Electronics is a skid-mounted auxiliary power distribution assembly designed to provide reliable auxiliary power distribution for renewable energy and industrial applications. This unit incorporates a 35 kVA three-phase dry-type isolation transformer that converts 660V AC to 480V AC, a 700V disconnect switch for primary-side isolation and protection, and a 480Y/277V panelboard for downstream power distribution.

PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER DISTRIBUTION PANELS, TRANSFORMERS, OR SUBSTATIONS

Operation:

- Primary Voltage: 660V AC, 3-Phase, 60 Hz
- Primary Panel: N/A
- Primary Disconnect: (1) 60A 3P MCCB [480V]
- Primary Outlet(s): N/A
- Transformer: 35 kVA, 660V to 480V AC, 3-Phase Dry-Type Isolation Transformer with Electrostatic Shield, NEMA 3R
- Secondary Voltage: 480Y/277V AC, 3-Phase, 4-Wire, 60 Hz
- Secondary Panelboard: 480Y/277V, 20 kAIC
- Main Breaker: (1) 60A, 3-Pole Circuit Breaker
- Branch Breakers: (4) 20A, 3-Pole Circuit Breakers
- Distribution Method: Hardwired Connections

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

Protective Construction: All components are factory-mounted and wired on a heavy-duty steel skid assembly designed for long-term outdoor service. The NEMA 3R-rated equipment provides protection against rain, sleet, and ice formation while maintaining accessibility for inspection and maintenance.



Certification: All major components are built using UL-listed or NRTL-certified equipment where applicable. The assembly is suitable for installation in accordance with applicable NEC requirements.

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: Ideal for wind farms, solar facilities, battery energy storage systems (BESS), utility infrastructure, industrial facilities, and other applications requiring conversion of 660V three-phase power to 480Y/277V auxiliary distribution power.

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.



Frequently Asked Questions (FAQ)

There are no Fags



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Export Control Classification Number (ECCN): EAR99



Links (Click on the below items to view):

- **HigResPic1**(<https://www.larsonelectronics.com/images/product/HigResPic1/338965.JPG>)
- **HigResPic2**(<https://www.larsonelectronics.com/images/product/HigResPic2/338965.JPG>)
- **HigResPic3**(<https://www.larsonelectronics.com/images/product/HigResPic3/338965.JPG>)
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