

MGL-115V-1.5KVA-230V-2X16A-25C

1.5 KVA Mobile Power Distribution - 230V to 115V 1PH - (2) 16A 130V ATEX Rated

Receptacles/Plug

Product ID: 153601

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

MGL-115V-1.5KVA-230V-2X16A-25C Mobile Distribution Center

Line In: 25' SOOW Cord

Line In Cord Cap: 16A [250V] - ATEX Rated

Primary Voltage: 230V AC 1PH

Primary Protection: -

Transformer: 1.5KVA 230V to 115V 1PH 60 Hz N3R C1D2

Secondary Voltage: 115V AC 1PH

Secondary Receptacles: (2) 16A [130V] - ATEX Rated

Secondary Protection: Weatherproof Covers

Form Factor: Powder Coated Steel Dolly Cart w/ Kickstand & Run Flat Tires

Dimensions: 24"-L x 18"-W X 52"-H

Weight: 85 lbs

Approvals/Ratings:

Max Primary OCP: 15A @ 230V

Max Secondary Output: 13A @ 115V

UL 1640 Portable Power-Distribution Equipment

NEMA 3R Indoor / 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

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E-mail: sales@larsonelectronics.com

Larson Electronics manufacture 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.

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 MGL-115V-1.5KVA-230V-2X16A-25C Mobile Power Transformer System steps down single phase 230V AC electrical current

to single phase 115V AC using a Class I, Division 2 transformer. This power distribution system provides operators the ability to safely tap into 230V AC power from a variety of sources including generators and direct grid power. This portable spiderbox is suitable for outdoor applications. The MGL-115V-1.5KVA-230V-2X16A-25C also features a kick stand located on the back of the dolly cart for added stability and to prevent the system from being at risk of being knocked over or falling down.

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

Portable Power Distribution Purpose and Use

The MGL-115V-1.5KVA-230V-2X16A-25C portable power distribution system gives operators the ability to power their 115 volt equipment from a single system. On the primary side, operators connect single phase 230 volt line-in power via 25 feet of SOOW cord with an ATEX-rated cord cap. On the secondary side, operators connect to two 130V ATEX-rated receptacles for 115V equipment. All receptacles are equipped with weatherproof covers.

Operation: A 25-foot SOOW cord with a 16-amp 250V ATEX-rated cord cap brings 230V single phase power to the NEMA 3R 1.5 KVA Class I, Division 2 transformer, which converts 230V to 115V single phase and passes the current to the secondary side of the system. The secondary side contains two 16-amp 130V ATEX-rated receptacles.

[Click Photos to Enlarge](#)

[Handles](#)

[Front Close Up](#)

[Wheels](#)

Protective Construction: The transformer and load center/distribution assembly is mounted to a standard upright steel dolly cart style frame resulting in an extremely stable, durable, and mobile power distribution platform. For even more stability, the MGL-115V-1.5KVA-230V-2X16A-25C features a rear-mounted kick stand that can easily be deployed when the unit is in the desired position. This kick stand increases the stability of this unit so that the risk of it being knocked over or falling down are almost completely eliminated. Two run-flat tires and a cart style mounting platform provides easier substation mobility. 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: 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 ATEX-rated 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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Product ID: 153601

Harmonized System (HS) Code: 8504.21.0040

Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- [Canadian CEC Certificate \(Commonly referred to as CSA Certificate\)](#)
- [Catalog Page - Product Series](#)
- [Certificate 1, Misc](#)
- [Operations Manual](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [Wiring Diagram \(Online\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
- [HigResPic7](#)
- [HigResPic8](#)
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- [Video1](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)