

MDC-120-100MB-12X120-M1

Mobile Power Distribution Center - 120V AC Input - (12) 120V GFCI Outlets - Portable Spiderbox - #4 Line-in Cable

Product ID: 264669

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.

MDC-120-100MB-12X120-M1 Mobile Distribution Center

Line In: 120 V AC 60 Hz via 10' Type-W #4 Cable

Panel: 100-Amp Main Breaker, 120 V w/ (12) 20 Amp Breakers

Outlets: (12) 5-20 120 V, GFCI Protected Duplex Receptacles w/ Hinged Cover

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

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

Weight: 65 lb

Max Primary OCP: 70 amps

Ratings

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

Toll Free: 1-800-369-6671

Intl: 1-903-270-1187

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

Made in the USA

The Larson Electronics MDC-120-100MB-12X120-M1 Mobile Distribution System steps down 240 V AC electrical current to 120 V AC, 60 Hz. This power distribution system provides operators the ability to safely tap into commonly found 120 V AC power from a variety of sources including generators and direct grid power. This portable spiderbox is suitable for outdoor applications.

***PLEASE NOTE: ANY FREE SHIPPING OFFERS DO NOT APPLY TO POWER**

DISTRIBUTION PANELS, SPIDERBOX, OR SUBSTATIONS*

The MDC-120-100MB-12X120-M1 temporary power distribution system provides a safe and reliable way for operators in industrial settings to tap into and utilize power sources independently of the work area. This unit provides an effective power distribution system for operators performing plant turnarounds, maintenance and cleaning in hazardous areas, equipment installations and repairs, and any activities requiring an alternative to native power sources. This portable spiderbox is designed to operate with 120 V, 60 Hz which it then steps down to 120 V AC. The power distribution system on this portable substation makes 120 V AC available via twelve 20 A, 120 V GFCI protected 5-20 duplex receptacles with weatherproof covers.



[Click Photo to Enlarge](#)



[Click Photo to Enlarge](#)



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Description:

10' of #4 Type-W line-in power cord is included to connect the substation to a primary 120 V primary power supply.

The main load center is protected by a 100 amp load center with main breaker for circuit protection. 120 V line out protection is provided by twelve 20 amp, 125 Volt, 1 pole breakers. Connection for 120 V is through receptacles mounted on the side of the load center. Receptacles include twelve 5-20 120 V, GFCI waterproof duplex receptacles. The load center is mounted within NEMA 3R enclosure.

The distribution assembly is mounted to a standard upright steel dolly cart style frame, resulting in an extremely stable, durable, and mobile power distribution platform. Two run-flat tires and a cart style mounting platform provides easier substation mobility.

This temporary power distribution spiderbox can be modified to meet the needs of job-site receptacle requirements. Full power distribution units are available up to 150 kva and can be equipped with skids or trailer mounted.

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, hazardous location operations, shows, exhibits, and shipyard operations. Larson Electronics is a manufacturer and can build portable spiderbox systems to your specifications. Although we carry several models of power distribution systems, 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)









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Export Control Classification Number (ECCN): EAR99

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 \(Restriction of Hazardous Substances\)](#)
- [USA NEC Certificate \(Commonly referred to as UL Certificate\)](#)
- [Wiring Diagram \(Online\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [HigResPic4](#)
- [HigResPic5](#)
- [HigResPic6](#)
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