Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

MPD-MS6-92L.63AB-DT25DP-GZ-MS44-M1

Heavy Duty Military Spider Box Transformer, 208Y - 240Y Wye 3PH, MS90556C44412P Cord Plug, MS90557C44412S Cord Connector, Powder Coated Army Dark Green, NEMA 3R

Product ID: 311769

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



Image: MPD-MS6-92L.63AB-DT25DP-GZ-MS44-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-MS6-92L.63AB-DT25DP-GZ-MS44-M1 Spider Box Transformer

Transformer Type: Isolation
Primary Voltage: 208V AC Wye
Primary Phase: 3-Phase (3PH)
Primary Frequency: 50/60 Hz (50/60-cycles)
KVA: 15
Primary Amps: 72.1A @ 208V
Primary Configuration: NEMA
Output Voltage (V): 240V AC Wye
Secondary Amps: 62.5A @ 240V Available on Secondary Side
Wiring Material: Copper
Wiring: 10' #2/4 AWG TYPE SOOW Cord [600V] on Input and Output Side
Wiring Termination: 63A 3P Din Rail CB [240V] on Input
NEMA Rating: NEMA 3R
Primary Termination (Std): MS90556C44412P Cord Plug
Secondary Termination (Std): MS90557C44412S Cord Connector
Insulation: 180°C
Temperature Rise: 115°C
Sound Level: Meets NEMA ST-20 Standards
Enclosure Material: Steel
Form Factor: Army Dark Green Powder Coated Spider Box in Black Rugged Cage Frame

Ratings/Approvals

NEMA 3R Indoor or Outdoor Use
NRTL Certified to UL 1640
NRTL Certified to CSA C22.2 No. 14

Special Orders - Special Requirements

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

Dimensions: 31"-L x 23"-W x 16"-H
Dimensions Inside: 19.75"-L x 13.75"-W x 8.52"-H
Weight: TBD
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.

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

This unit is Made In USA - Manufactured in Texas

The MPD-MS6-92L.63AB-DT25DP-GZ-MS44-M1 from Larson Electronics is a Heavy Duty Military Spider Box Transformer for indoor, outdoor, and rugged applications. This army dark green unit converts three-phase 208V AC Wye electrical current into three-phase 240V AC Wye. For robust protection, the NEMA 3R rated spider box is protected by a rugged cage. This stackable transformer is impact, weather, chemical, and shock resistant.

Operation:

• Primary Voltage: 208V AC Wye 3PH

• Primary Amps: 72.1A @ 208V

• Primary Termination: MS90556C44412P Cord Plug

• KVA: 15

• Secondary Voltage: 240V AC Wye 3PH

• Secondary Amps: 62.5A @ 240 V Available on Secondary Side

• Secondary Termination: MS90557C44412S Cord Connector

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

This portable spider box transformer features a 10' #2/4 AWG TYPE SOOW cord terminated in a 100-amp, MS90556C44412P plug on the primary side and a 10' #2/4 AWG TYPE SOOW cord terminated in a 100-amp, MS90557C44412S connector on the secondary side.

The housing on the MPD-MS6-92L.63AB-DT25DP-GZ-MS44-M1 carries a NEMA 3R enclosure rating for use in indoor, outdoor, wet, and dry locations. Mounting legs on the base keep the army dark green spider box upright and above wet or rough surfaces.

Certification: All units are built in accordance to NFPA 70 (National Electric Code). 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.

Applications: Indoor or outdoor applications including but not limited to, construction sites, plant maintenance, plant turnarounds, shows, exhibits and shipyard operations. These units 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.

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)

There are no Faqs

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Export Control Classification Number (ECCN): EAR99

Links (Click on the below items to view):

- **ANSI Certificate 1**(https://www.larsonelectronics.com/images/product/ANSICert1/311769.PDF)
- **Canadian CEC Certificate (Commonly referred to as CSA Certificate)**(https://www.larsonelectronics.com/images/product/CECCert/311769.PDF)
- **Catalog Page - Product Series**(https://www.larsonelectronics.com/images/product/CatalogPage/311769.PDF)
- **CE Certificate**(https://www.larsonelectronics.com/images/product/CECert/311769.PDF)
- **Certificate 1, Misc**(https://www.larsonelectronics.com/images/product/Cert1/311769.PDF)
- **Certificate 2, Misc**(https://www.larsonelectronics.com/images/product/Cert2/311769.PDF)
- **Certificate 5, Misc**(https://www.larsonelectronics.com/images/product/Cert5/311769.PDF)
- **Dimensional Drawing 2D**(https://www.larsonelectronics.com/images/product/DimensionalDrawing/311769.PDF)
- **MSDS (Material Safety Data Sheet**(https://www.larsonelectronics.com/images/product/Msds/311769.PDF)
- **Operations Manual**(https://www.larsonelectronics.com/images/product/Manual/311769.PDF)
- **RoHS Certificate (Restriction of Hazardous Substances)**(https://www.larsonelectronics.com/images/product/RoHSCert/311769.PDF)
- **Single Line Diagram (One-Line Diagram)**(https://www.larsonelectronics.com/images/product/Oneline/311769.PDF)
- **USA NEC Certificate (Commonly referred to as UL Certificate)**(https://www.larsonelectronics.com/images/product/NECCert/311769.PDF)
- **Wiring Diagram**(https://www.larsonelectronics.com/images/product/WiringDiagram/311769.PDF)
- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/311769.JPG)
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- **HigResPic3**(https://www.larsonelectronics.com/images/product/HigResPic3/311769.JPG)
- **Video1**(https://www.youtube.com/watch?v=zQUju9dFGCo)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
- **Business Certificate**(https://www.larsonelectronics.com/images/pdfdocs/w9.PDF)
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