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MPD-CM3-82.20AB-YT0-Z-6.N09-M1

Portable Spiderbox - 120V Delta 3-Phase - (6) 5-20R NEMA Duplex Receptacles - 30' 12/9 SOOW Cord w/ 19 Pin 6-ckt UL 1682 20A Pin & Sleeve Male Plug - (4) Casters - N3R

Product ID: 299638

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-CM3-82.20AB-YT0-Z-6.N09-M1 - Portable Spider Box

Line-in Cord: 30' #12/9 AWG TYPE SOOW Cord [600V]
Line-in Cord Cap: 19 Pin 6-ckt UL 1682 20A Pin & Sleeve Male Plug [125V]
Primary Voltage (V): 120V AC
Primary Phase (PH): 3-Phase (3PH)
Primary Frequency (HZ): 60 Hz (60-cycles)
Primary Panel: 120V 3PH 20A MLO N3R
Primary Breaker(s): N/A
Primary Outlet(s): (6) 5-20R NEMA Dplx [125V]
Primary Protection: Weather-proof Covers
Transformer (KVA): N/A
Secondary Voltage (V): N/A
Secondary Phase (PH): N/A
Secondary Frequency (HZ): N/A
Secondary Panel: N/A
Secondary Breaker(s): N/A
Secondary Outlet(s): N/A
Secondary Protection: N/A
Form Factor: Blue Powder Coated Portable / Base Stand w/ Polyurethane Swivel Casters
Frame Finish: High-Strength TGIC Polyester Powder Coated Blue
Casters: (2) Locking Casters, (2) Swivel Casters
Dimensions: (*Please note that dimensions are approximate and subject to change*) 33.57"-L x 21.00"-W x 40.32"-H
Weight: (*Please note that weight is approximate and subject to change*) 150 lb

Ratings

Max Primary OCP: 20A @ 120V
Max Secondary Output: N/A
NEMA 3R Indoor or Outdoor Use
Made in the USA
NRTL Certified to UL 1640

Powder Coat Finish Standards:

Complies with ASTM D-523
Complies with ASTM D-3359
Complies with ASTM D-522
Complies with ASTM D-3363
Complies with ASTM D-2794

Special Orders - Special Requirements

Contact us for special requirements

Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

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.

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-CM3-82.20AB-YT0-Z-6.N09-M1 from Larson Electronics is a Portable Spiderbox that distributes three-phase 120V AC power in industrial and rugged work areas. This weatherproof portable spider box allows operators to plug into 120V generators and welding outlets via a 30' 12/9 SOOW line-in cord terminated in a 19 Pin 6-ckt UL 1682 20A pin & sleeve male plug. All system components are protected by a powder coated steel enclosure with four polyurethane casters (two swiveling and two locking) at the base and a top located handle for mobility.

Operation:

- Primary Voltage: 120V AC 3PH
- Primary Panel: 120V 3PH 20A MLO N3R
- Primary Breaker(s): N/A
- Primary Outlet(s): (6) 5-20R NEMA Dplx [125V]
- Transformer: N/A
- Secondary Voltage: N/A
- Secondary Panel: N/A
- Secondary Breaker(s): N/A
- Secondary Outlet(s): N/A

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

The MPD-CM3-82.20AB-YT0-Z-6.N09-M1 portable wheeled spider box from Larson Electronics is built to provide operators with a reliable source of 120V power. This spider box is designed for portability and convenience as well as durability. Featuring an elevated base platform for protection from standing water and weatherproof construction, the MPD-CM3-82.20AB-YT0-Z-6.N09-M1 is ideal for powering three-phase 120V equipment and lighting in construction, entertainment, job-site, marine, and outdoor locations where 120V generators are providing the power.

This portable spider box features six 30-amp 5-30R 125V NEMA duplex receptacles that provide secure connections for up to six devices. The receptacles provide three-phase 120V for powering high voltage lighting and equipment without the need for running additional extension cords. Each receptacle features a hinged watertight cover protecting the face from rain, water, and moisture when not in use. The MPD-CM3-82.20AB-YT0-Z-6.N09-M1 power distribution unit features short circuit and overload protection. In the instance of circuit overload, the unit automatically shuts down to protect the unit from damage and operators manually restart the system.

Operation: A 30' 12/9 SOOW line-in cord terminated in a 19 Pin 6-ckt UL 1682 20A pin & sleeve male plug brings three-phase 120V power to the primary side of the system. This NEMA 3R spiderbox contains six 30-amp 5-30R 125V NEMA duplex receptacles.

Protective Construction: The housing on the MPD-CM3-82.20AB-YT0-Z-6.N09-M1 is constructed from powder coated steel with a NEMA 3R enclosure rating. The angled base and low center of gravity ensure this low voltage transformer does not tip over when in the field. The entire unit is powder coated with glossy blue finish for corrosion resistance and aesthetics. The assembly is mounted atop four swivel polyurethane casters, two standard swivel and two locking swivel, aiding in transportation within the job site. A top located adjustable push handle allows operators to guide this unit through the workspace.

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.
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 mount.
Certification: All units are built in accordance to NFPA 70 (National Electric Code) and NRTL 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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Product ID: 299638

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
- RoHS Certificate (Restriction of Hazardous Substances)
- Single Line Diagram (One-Line Diagram)
- USA NEC Certificate (Commonly referred to as UL Certificate)
- Wiring Diagram (Oneline)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- HigResPic10
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map