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MPD-SA3-309.100AB-SZ0-Z-3.N19-4.PCF-2.N10-R1

100A Rack Mount Distro, 120/240V 1PH, 4100B12W Inlet, (3) 6-30R (4) NAC3FPX-ST (2) 5-20R GFCI Duplex Outlets, NEMA 3R

Product ID: 312627

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.

MPD-SA3-309.100AB-SZ0-Z-3.N19-4.PCF-2.N10-R1 Rack Mount Power Distribution Unit

Line-in: 4100B12W IEC 60309 100A Pin & Sleeve Male Inlet [125/250V]
Line-in Cord Cap: -
Primary Voltage (V): 120/240V AC
Primary Phase (PH): 1-Phase (1PH)
Primary Frequency (Hz): 60 Hz (60-cycles)
Primary Panel: 120/240V 1PH 100A MLO N3R
Primary Breaker(s): (3) 30A 2P MCB [250V]; (6) 20A 1P MCB [125V]
Primary Outlet(s): (3) 6-30R NEMA Straight-Blade [250V]; (4) NAC3FPX-ST PowerCON IP65 Female Rcpt [250V]; (2) 5-20R NEMA GFCI-DPLX [125V]
Primary Protection: MCB Circuit Breakers; GFCI's
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: 3U Rack Mount
Frame Materials: -
Dimensions: 19"-W x 5.25"-H X 7"-D
Weight: -

Larson Electronics manufactures a wide variety of custom power distribution systems. The

Ratings

Max Primary OCP: 100A @ 240V
Max Secondary Output: N/A
NRTL Listed to UL 508A
NRTL Listed to UL 1640
NRTL Listed to CSA C22.2 No. 14

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-214-616-6180
Fax: 1-903-498-3364
E-mail: sales@larsonelectronics.com

*All grounding shall comply with state and local codes and

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meet the minimum requirements of the National Electronic Code section 250*

Made in Texas

The MPD-SA3-309.100AB-SZ0-Z-3.N19-4.PCF-2.N10-R1 from Larson Electronics is a Rack Mount Power Distribution Unit that is a portable power solution designed for stages, movie sets, concerts, and entertainment sites. This mobile power distribution unit provides operators the ability to safely tap into and distribute single-phase 120/240V AC power from a variety of sources, including generators and direct grid power, found in motion picture production.

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

Portable Power Distribution Purpose and Use: The MPD-SA3-309.100AB-SZ0-Z-3.N19-4.PCF-2.N10-R1 portable power distribution system gives operators the ability to power their 120 volt and 240 volt equipment from a single system within live recording and entertainment venues.

Operation:

- Primary Voltage: 120/240V AC 1PH
- Primary Panel: 120/240V 1PH 100A MLO N3R
- Primary Breaker(s): (3) 30A 2P MCB [250V]; (6) 20A 1P MCB [125V]
- Primary Outlet(s): (3) 6-30R NEMA Straight-Blade [250V]; (4) NAC3FPX-ST PowerCON IP65 Female Rcpt [250V]; (2) 5-20R NEMA GFCI-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.

Protective Construction: This unit does not come with a rack mount case. The system must be installed in a customer provided 3U rack mount case for protection.

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.

Applications: This power distribution system is ideal for indoor or outdoor use and applications including but not limited to, movie sets, entertainment, television sets, stage lighting, studio recording, sporting events, rigging, audio and video production, concerts, and motion picture production. 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)



Export Control Classification Number (ECCN): EAR99

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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
- HigResPic1
- HigResPic2
- Video1
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map