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MPD-SB09-309.100AB-SZ0-L-3.N19-4.PCF-2.N10-M1

100A Rack Mount Power Distribution, 120/240V AC 1-Phase, (3) 6-30R (4) NAC3FPX-ST PowerCON (2) 5-20R GFCI Duplex Outlets, 4100B12W Pin & Sleeve Male Inlet, NEMA 3R

Product ID: 312280

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-SB09-309.100AB-SZ0-L-3.N19-4.PCF-2.N10-M1 Rack Mount Power Distribution

Line-in Cord: -
Line-in Cord Cap: 4100B12W 100A 3P4W Pin & Sleeve Male Inlet [125/250V]
Primary Voltage: 120/240V AC
Primary Phase: 1-Phase (1PH)
Primary Frequency: 60 Hz (60-cycles)
Primary Panel: 120/240V 1PH 100A MCCB N3R
Primary Breaker(s): (3) 30A 2P MCB [250V]; (6) 20A 1P MCB [125V]
Primary Outlet(s): (3) 6-30R NEMA Strt-Blade [250V]; (4) NAC3FPX-ST PowerCON IP65 Female Rcpt [250V]; (2) 5-20R NEMA Duplx GFCI
Primary Protection: MCB Circuit Breakers; GFCI's
Form Factor: 9U Rack Mount ATA Cube Case w/ Casters
Frame Materials: -
Dimensions: -
Weight: -

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.

Ratings

Max Primary OCP: N/A
Certified for United States & Canada
NRTL Listed to UL 1640

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-214-616-6180
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All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250

Made in Texas

The MPD-SB09-309.100AB-SZ0-L-3.N19-4.PCF-2.N10-M1 from Larson Electronics is a Rack Mount Power Distribution 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-SB09-309.100AB-SZ0-L-3.N19-4.PCF-2.N10-M1 portable power distribution system gives operators the ability to power their 240 volt and 120 volt equipment from a single system within live recording and entertainment venues. From equipment testing to live recording sets, these portable stations make power at busy production sites readily available and safe to use.

Operation:

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

On the primary side, operators connect single-phase 120/240V AC line-in power using the 4100B12W IEC 60309 Pin & Sleeve Male Inlet. The primary side contains three 30-amp 2-pole miniature circuit breakers protecting three NEMA 6-30R 250V straight blade outlets, two 20-amp 1-pole miniature circuit breakers protecting two 5-20R GFCI duplex outlets, and four 20-amp 1-pole miniature circuit breakers protecting four NAC3FPX-ST PowerCON 250V female receptacles.

Protective Construction: All components are secured inside a compact 9U rack mount ATA case. This black case features side-located handles for mobility around the production or recording site. Four casters (two swivel and two locking) are available at the bottom of the power distribution unit, which allows operators to move the station easily without lifting. Dual locking casters ensure stable use and safe storage when being transferred in trucks or other large vehicles. This durable case is resistant to shock and takes on a standard design that is similar with professional recording equipment. It can withstand frequent handling around live stages and loading/unloading at outdoor locations.

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)

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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
- 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
- HigResPic3
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- ISO 9001 Certification
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- Shipping Time Map