Larson Electronics LLC
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## MPD-CS2-309.50AB-YT0-Z-1.L22-4.N10

# Portable Spider Box, 208Y/120V AC Wye 3PH, 560B9W Male Inlet, (1) L14-30R Outlet, (4) 5-20R GFCI Duplex Outlets, Hang Bracket and Carry Handle, Steel/Safety Yellow, NEMA 3R

**Product ID: 346135**



Image: MPD-CS2-309.50AB-YT0-Z-1.L22-4.N10

**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-CS2-309.50AB-YT0-Z-1.L22-4.N10 - Portable Spider Box**
**Unit Type:** Portable Spider Box

**Line-In:** 560B9W IEC 60309 Pin & Sleeve Male Inlet [120/208V]
**Line-In Rating:** 50A

**System Voltage:** 208Y/120V AC Wye, 3-Phase, 60Hz

**Primary Panel:** 208Y/120V 3PH, 60A, Main Lug Only
**Max Primary OCP:** 50A @ 208V
**Line-Out:** None (no feed-thru receptacle)

**Branch Circuits**
**Primary Breaker(s):** (1) 30A 2-Pole MCB [250V]; (4) 20A 1-Pole MCB [125V]
**Primary Outlet(s):** (1) L14-30R NEMA Twist-Lock Receptacle [125/250V]; (4) 5-20R NEMA Duplex GFCI Receptacles [125V]
**Primary Protection:** MCB Circuit Breakers, GFCI, Weatherproof Covers

**Enclosure**
**Form Factor:** Yellow Powder Coated Spider Box w/ Legs, Hang Bracket, and Carry Handle
**Enclosure Material:** Steel
**Enclosure Finish:** Safety Yellow Powder Coat
**Enclosure Type:** NEMA 3R
**Mount:** Portable/Base Stand or Hang Bracket

**Dimensions & Shipping**
**Overall Dimensions:** 16"W x 22"H x 12"D (estimated)

**Made in the USA**

**Features of Every Assembly**
Hang Bracket and Carry Handle
Short Circuit, Overload, Open Neutral, and Reverse Phasing Protection
GFCI Protected 20A Duplex Receptacles
Weatherproof Receptacle Covers
Two Angled Legs, Low Center of Gravity

**Ratings & Approvals**
NRTL Certified to UL 1640
Built in accordance with NFPA 70 (NEC)
NEMA 3R Weatherproof

**Shipping**
Shipped on pallet or skid

**Approximate Weight:** 35 lbs (estimated)
**Shipping Dimensions:** TBD
**Shipping Weight:** TBD

Crated shipment available upon request

**Special Orders – Special Requirements**
Contact us for special requirements
**Toll Free:** 1-800-369-6671
**Intl:** 1-903-270-1187
**Fax:** 1-903-765-7664
**E-mail:** sales@larsonelectronics.com

**Customer Compliance**
This equipment is offered per the specifications and ratings detailed herein. Minor refinements to arrangement, dimensions, and installation details may be made during detailed engineering review to ensure proper fit, code compliance, and manufacturability, with any such refinements confirmed prior to manufacture.

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 applicable drawings.

**This unit is Made In USA - Manufactured in Texas**

**The Larson Electronics MPD-CS2-309.50AB-YT0-Z-1.L22-4.N10 Portable Spider Box brings 208Y/120V AC three-phase wye power to the work area and distributes it to one 30A 125/250V twist-lock receptacle and four 20A GFCI duplex receptacles. It is built for construction sites and temporary power use.**

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

This portable spider box has a 50-amp 560B9W IEC 60309 208Y/120V pin and sleeve male inlet for bringing three-phase 208/120V AC wye power into the unit. There is no feed-thru receptacle. Operators may access one 30-amp 2-pole 250V miniature circuit breaker protecting one 30-amp NEMA L14-30R twist lock outlet and four 20-amp 1-pole 125V miniature circuit breakers protecting four 20-amp NEMA 5-20R GFCI duplex outlets. The receptacles are protected by weatherproof covers.

The **MPD-CS2-309.50AB-YT0-Z-1.L22-4.N10** spider box features short circuit, overload, open neutral, and reverse phasing protection. Should circuit overload occur, the unit will automatically shut down to protect the spider box from damage.

**Features of Every Assembly**
Every assembly includes a 50A 560B9W IEC pin and sleeve inlet, a hang bracket and carry handle, GFCI protected 20A duplex receptacles, weatherproof receptacle covers, and two angled legs with a low center of gravity.

**Electrical Construction**
The primary panel is rated 208Y/120V, 3-phase, 50A, main lug only, with a maximum primary overcurrent protection of 60A at 208V. Branch protection is one 30A 2-pole and four 20A 1-pole miniature circuit breakers.

**Enclosure Construction**

The housing is constructed of steel with a safety yellow powder coat finish and a NEMA 3R enclosure rating, approved for wet locations. The unit sits on two angled legs and can also be hung using the hang bracket. The carry handle allows the unit to be moved and positioned by hand.

**Ratings & Approvals**
The unit is NRTL certified to UL 1640 and built in accordance with NFPA 70 (National Electrical Code). It is rated NEMA 3R for indoor and outdoor use.

**Applications**
Indoor or outdoor applications including construction sites, plant maintenance, plant turnarounds, shows, exhibits, and shipyard operations.

**Customer Compliance**
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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 applicable drawings.

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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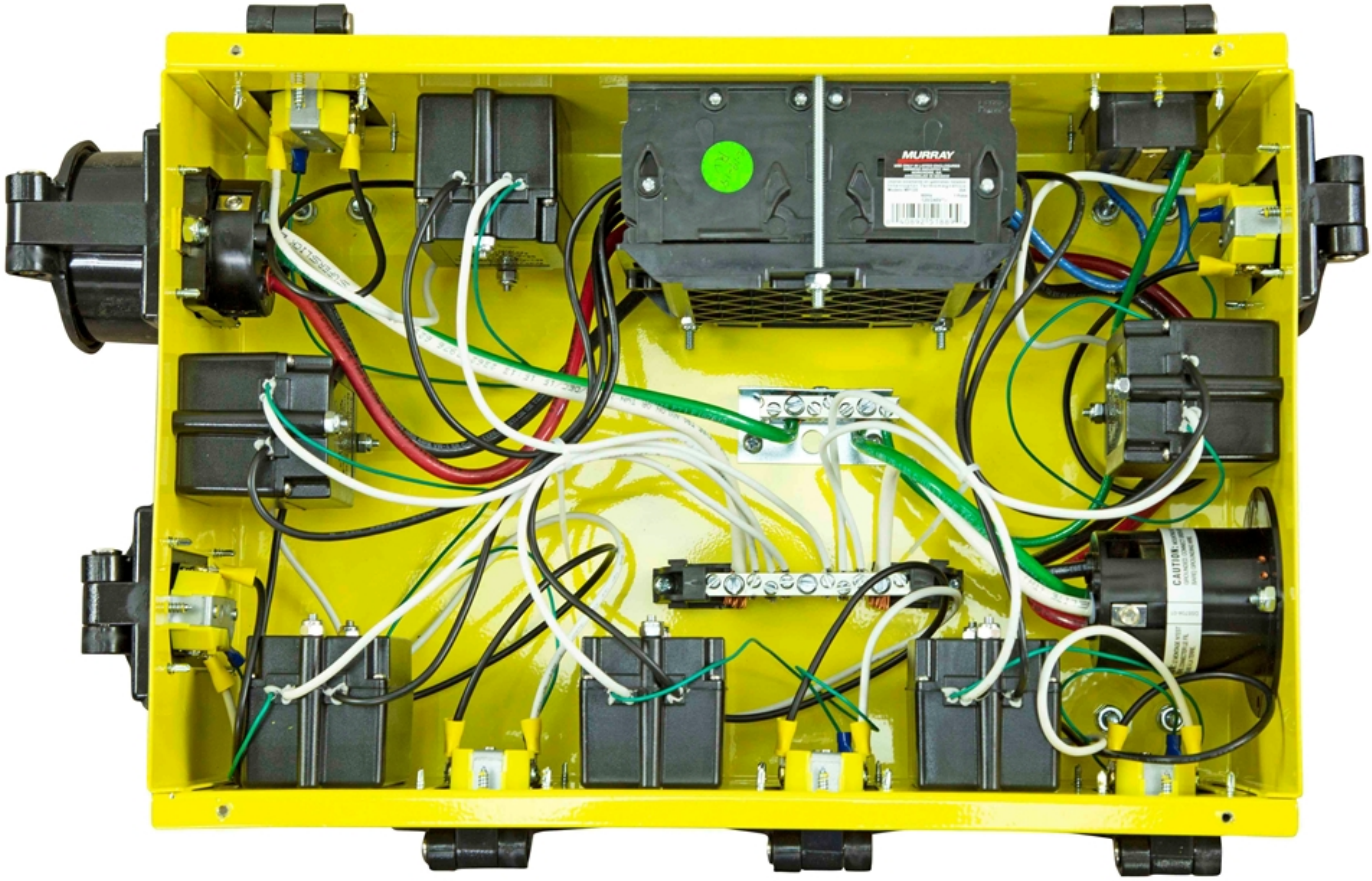

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# Frequently Asked Questions (FAQ)

There are no Faqs