

**Power Substation - 120/240VAC 1PH - (2) CS8269 (6) 5-20R GFCI Duplex - Cord Reel, Backplate
MGP-CF-120.240-100MB-2X240-6X120-RD**



MGP-CF-120.240-100MB-2X240-6X120-RD Power Transformer

Line-In Cord: 10` #4 Type W Cord, 200` #2 Type W Cord

Line-In Cord Cap: 100A 4100P12W [125/250V], 100A 4100C12W [125/250V]

Voltage: 120/240VAC 1PH

Panel: 100A 120/240V 1PH MCB N3R

Breakers: (2) 50A 2P [250V], (6) 20A 1P [125V]

Output Receptacles: (2) 50A CS8269 [250V], (6) 20A 5-20R GFCI Duplex [125V]

Protection: GFCI, Circuit Breakers, Weatherproof Covers

Form Factor: Square tube frame w/ 1/8" side walls, hinged access doors, skid pockets, top pick eye & 8" locking casters, backplate, hand-crank cord reel

Frame Materials: Powder coated steel frame

Dimensions: 48" X 48" X 62"

Weight: 550 pounds

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.

Ratings

Max Primary OCP: 100A @ 240V

NRTL Certified to UL 1640 Portable Power-Distribution Equipment

NEMA 3R Indoor or Outdoor Use

Made in the USA

Special Orders- Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671

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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 Larson Electronics MGP-CF-120.240-100MB-2X240-6X120-RD power distribution substation accepts 120/240VAC single phase electrical current on the primary side and provides 120/240VAC single phase via output receptacles on the secondary side. This unit provides operators the ability to safely tap into and distribute 120/240VAC power from a variety of sources including generators and direct grid power.

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

Portable Power Distribution Purpose and Use

The MGP-CF-120.240-100MB-2X240-6X120-RD portable power distribution system gives operators the ability to power their 240 volt and 120 volt equipment from a single system. On the primary side, operators connect 120/240V line-in power via 10` of #4 Type W cord with a 100-amp 125/250V 4100P12W cord cap, which can be extended by connecting to an included 200` #2 Type W cord with a 100-amp 125/250V 4100C12W connector secured on a hand-crank cord reel. On the secondary side, operators connect to two CS8269 receptacles for 240V equipment and to six 5-20R GFCI receptacles for 120V equipment.

Operation: The 10` #4 Type W line-in cord with a 100-amp 125/250V 4100P12W cord cap, which can be extended by connecting to an included 200` #2 Type W

cord with a 100-amp 125/250V 4100C12W connector secured on a hand-crank cord reel, brings single phase 120/240VAC into the NEMA 3R 100-amp 120/240V single phase main circuit breaker panel. The main circuit breaker panel contains two 50-amp 2-pole 250V breakers protecting two 50-amp 250V CS8269 receptacles and six 20-amp 1-pole breakers protecting six 20-amp 125V 5-20R GFCI duplex receptacles. All receptacles are equipped with weatherproof covers.



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Protective Construction: Unlike many portable power distribution boxes made of plastic and utilizing thin gauge, low grade metals in their construction, this unit is designed for serious use and is ruggedly constructed to withstand demanding conditions and heavy duty industrial applications. The transformer and load assembly is mounted on a 3/16" thick carbon steel mounting platform and the load center/distribution assembly is mounted to the standard 2" x 2" x 1/8" square carbon steel tubing frame, resulting in an extremely stable, durable and well protected power distribution platform. This model is equipped with forklift skid pockets, locking casters, and a top located lifting eyelet which allows easy lifting with cable or chain hooks. This can be replaced for an additional cost with stainless steel, hot dip galvanized steel, or aluminum depending on the customer's needs. Larger units are available upon request and can be equipped with skids or trailer mounted.



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Certification: Larson Electronics is a NRTL Certified UL 1640 panel shop and certified to build portable power distribution systems. 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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