

MPD-EP5-CLP7.600AB-DT150DR-XZ-30.L08-M1

400A Temporary Power Distribution Panel w/ Skids - 208V-220V AC 3-Phase, (30) L6-20R Receptacles - NEMA 3R

Product ID: 296622

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-EP5-CLP7.600AB-DT150DR-XZ-30.L08-M1 Temporary Power Distribution System

Line-in Cord: N/A
Line-in Cord Cap: (1 Set) 600A Single-pole 17-Ser. Male Camlock Receptacles [green, black, red, blue] [600V]
Primary Voltage (V): 208V AC
Primary Phase (PH): 3-Phase (3PH)
Primary Frequency (HZ): 60 Hz (60-cycles)
Primary Panel: N/A
Primary Breaker(s): (1) 600A 3P MCCB [250V]
Primary Outlet(s): N/A
Primary Protection: MCCB Circuit Breaker
Transformer (kVA): 150KVA 208V to 240V 3PH N3R
Secondary Voltage (V): 220V AC
Secondary Phase (PH): 3-Phase (3PH)
Secondary Frequency: 60 Hz (60-cycles)
Secondary Panel: 220V 3PH 400A MLO N3R
Secondary Breaker(s): (30) 20A 2P MCB [250V]
Secondary Outlet(s): (30) L6-20R NEMA Twist-Lock [250V]
Secondary Protection: MCB Circuit Breakers
Form Factor: Powder Coated I-Line Panel w/ Skids
Doors: (1)
Frame Material: Steel
Frame Finish: High-Strength TGIC Polyester Powder Coated Blue
Cart Handle Orientation: -
Lifting Eyelet: -

Ratings

Max Primary OCP: 600A @ 208V
Max Secondary Output: 400A @ 220V

NEMA 3R Indoor or Outdoor Use
Made in the USA
NRTL Certified to UL 1640
NRTL Certified to CSA C22.2 No. 14

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

Skid Pockets: -

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.

Toll Free: 1-800-369-6671

Fax: 1-903-498-3364

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

Made in Texas

The MPD-EP5-CLP7.600AB-DT150DR-XZ-30.L08-M1 from Larson Electronics is an I-Line Panel Distribution System that converts three-phase 208V AC current to three-phase 220V AC current. This 400-amp unit provides three-phase 220V AC via a NEMA 3R I-line panel with a skid base. This power distribution unit provides operators the ability to safely tap into and distribute 208V AC 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

The MPD-EP5-CLP7.600AB-DT150DR-XZ-30.L08-M1 temporary power distribution system gives operators the ability to power their 220 volt equipment from a single system.

Operation:

- Primary Voltage: 208V AC 3PH
- Primary Panel: N/A
- Primary Breaker(s): (1) 600A 3P MCCB [250V]
- Primary Outlet(s): N/A
- Transformer: 150KVA 208V to 240V 3PH N3R
- Secondary Voltage: 220V AC 3PH
- Secondary Panel: 220V 3PH 400A MLO N3R
- Secondary Breaker(s): (30) 20A 2P MCB [250V]
- Secondary Outlet(s): (30) L6-20R NEMA Twist-Lock [250V]

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

Protective Construction: Secured on a skid base, 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 blue (standard), black, 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.

We also offer similar power distribution panels on dolly carts with wheels, powder coated cube frames with lifting eyelets/skid pockets or stand-alone with handles for faster turnarounds and completion of temporary tasks.

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.

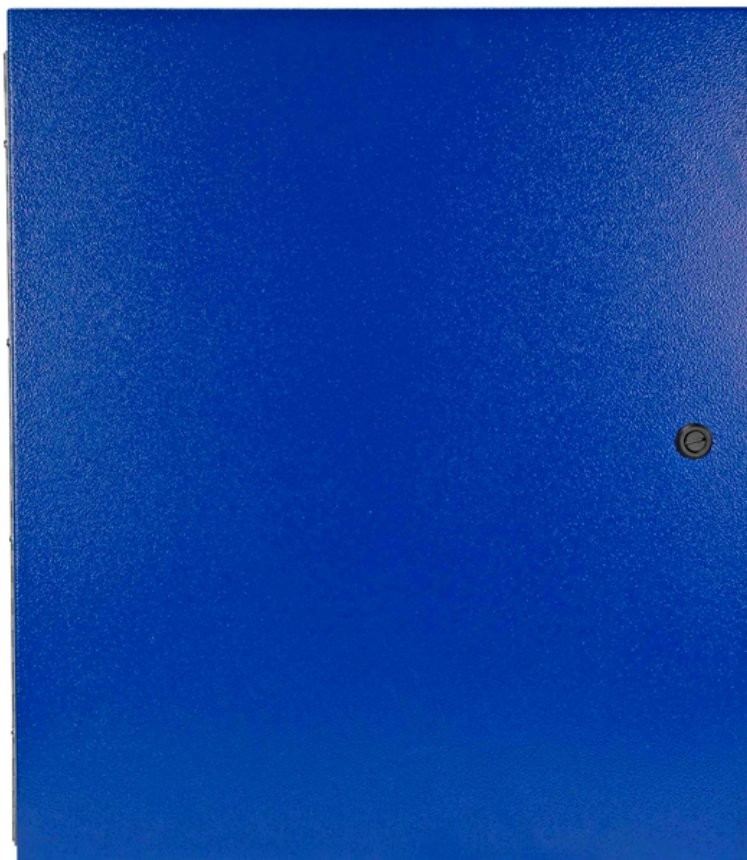
~Please check all motor loads for dual rated motors that will work 208 or 240.~

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.

Frequently Asked Questions (FAQ)







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Product ID: 296622

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 \(Online\)](#)
- [HigResPic1](#)
- [HigResPic2](#)
- [HigResPic3](#)
- [ISO 9001 Certification](#)
- [Business Certificate](#)
- [Shipping Time Map](#)