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MGL-50C.PS-480V-15KVA-110.220V-4X30A-2X20A-M2

15KVA Temporary Power Distribution - 480V to 120/240V 1PH - (6) Receptacles/Connectors - 50' Line-in Cord - N3R

Product ID: 244088

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.

This unit is Made In USA - Manufactured in Texas

MGL-50C.PS-480V-15KVA-110.220V-4X30A-2X20A-M2 -Temporary Power Distribution

Line In: 50' #8 SOOW Cord
Line-in Cord Cap: 60A 460P7W [480V]
Primary Voltage: 480V AC, 1PH
Primary Disconnect: 60A 480V 1PH N3R Fused @ 40A
Primary Protection: Disconnect, Time Delay Fuses
Transformer: 15KVA 480V to 120/240V 1PH 60Hz N3R
Secondary Voltage: 120/240V AC, 1PH
Secondary Panel: 100A 120/240V MLO 1PH N3R
Secondary Breakers: (4) 20A 1P [125V], (2) 20A 1P [125V]
Secondary Receptacles/Connectors: (2) 30A L5-20C w/ 50' 12/3 SOOW Cord [125V], (2) 30A L5-20C w/ 25' 12/3 SOOW Cord [125V] (2) 20A 5-20R GFCI [125V]
Secondary Protection: Circuit Breakers, GFCI
Form Factor: Powder Coated Steel Dolly Cart w/ Run Flat Tires
Dimensions: W-40" X D-40" X H-48"
Weight: 350 lbs

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: 40A @ 480V
Max Secondary Output: 62.5A @ 240V
NEMA 3R Indoor or Outdoor Use
Made in the USA

Special Orders - Special Requirements

Contact us for special requirements

Toll Free: 1-800-369-6671
Intl: 1-903-270-1187
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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

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The Larson Electronics MGL-50C.PS-480V-15KVA-110.220V-4X30A-2X20A-M2 temporary power distribution system converts single-phase 480V AC electrical current into single-phase 120/240V AC. This unit provides operators the ability to safely tap into and distribute 480V 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*

Portable Power Distribution Purpose and Use: The MGL-50C.PS-480V-15KVA-110.220V-4X30A-2X20A-M2 portable power distribution system gives operators the ability to power their 120 volt equipment from a single system. On the primary side, operators connect 480V using 50` of #8 SOOW cord with a 460P7W plug. On the secondary side, operators connect to four, L5-20C and two, 5-20R GFCI receptacles for 120V equipment.

Operation: A 50`#8 SOOW cord with a 60-amp 480V 460P7W plug brings 480V power to the NEMA 3R 60-amp single-phase 480V primary disconnect, which contains two 40-amp time delay fuses, and passes power through to the transformer. The NEMA 3R 15KVA transformer converts 480V to single-phase 120/240V 60Hz and passes the current to the secondary side. The secondary side of the transformer feeds a NEMA 3R 100-amp single-phase 120/240V main lug only panel. This secondary side contains four, 20-amp 1-pole 125V breakers protecting two, 20-amp 125V L5-20C connectors with 50` 12/3 SOOW cords and two, 20-amp 125V L5-20C connectors with 25` 12/3 SOOW cords, as well as two, 20-amp 1-pole 125V breakers protecting two, 20-amp 125V 5-20R GFCI receptacles.



Click Photo to Enlarge



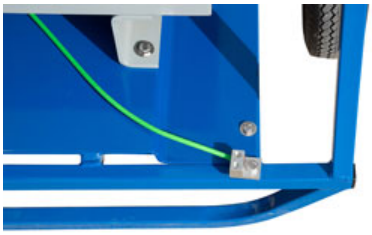
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Protective Construction: The transformer and load center/distribution assembly is mounted to a powder coated steel, dolly cart style frame resulting in an extremely stable, durable, and mobile power distribution platform. Two run-flat rubber tires and a dolly cart style mounting platform provides easier substation mobility, and a center point lift point allows easy lifting with cable or chain hooks.

This temporary power distribution solution can be modified to meet the needs of job-site receptacle requirements. Units are available up to 150KVA and can be equipped with skids or trailer mounted.

Certification: All units are built in accordance to NFPA 70 (National Electric Code). 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 NEMA 3R rated and ideal for indoor/outdoor use and applications including but not limited to; construction sites, plant maintenance, plant turnarounds, shows, exhibits and shipyard operations. Larson Electronics is a manufacturer and as such can build portable transformer systems to your specifications. Although we carry several models of power distribution transformers, 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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CAUTION
SHED ALL LOADS
BEFORE TURNING
ON / OFF
WARNING




MISTER

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Product ID: 244088

Harmonized System (HS) Code: 8504.21.0040

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
- Dimensional Drawing 2D
- MSDS (Material Safety Data Sheet
- Operations Manual
- RoHS Certificate (Restriction of Hazardous Substances)
- USA NEC Certificate (Commonly referred to as UL Certificate)
- Wiring Diagram (Oneline)
- HigResPic1
- HigResPic2
- HigResPic3
- HigResPic4
- HigResPic5
- HigResPic6
- HigResPic7
- HigResPic8
- HigResPic9
- HigResPic10
- Video1
- ISO 9001 Certification
- Business Certificate
- Shipping Time Map