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MPD-PLB-50KVA-120.208V-60HZ-N3R-M1

50 KVA (50 KW) Portable Load Bank, 120/208V Rated, 3-Phase, 60 Hz, Wheeled Cart Mount, Grey, NEMA 3R

Product ID: 333794

Please see last page for supporting documentation for this product (certificates, CAD files & drawings, IES files, wiring diagrams, etc).



Image: MPD-PLB-50KVA-120.208V-60HZ-N3R-M1

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-PLB-50KVA-120.208V-60HZ-N3R-M1 Portable Load Bank

Unit Type: Portable Load Bank
Line-In: N/A
Line-In Connections: Terminal Lugs
Line-In Orientation: Bottom Feed
Capacity: 50 KVA (50 KW)
Rated Voltage: 120/208V AC
Load Step Resolution: 5 kW at 120/208V
Overall Load Tolerance: -0, +5%.
Power Factor: 1.0
Control Power Requirement: 120V, 1-Phase, 60Hz, 15A, Supplied from a built-in transformer 480/277V
Operator Controls: The load control is a manual and remote 19" rack mount panel. Control includes: power ON/OFF Switch, Blower Start/Stop PB, Master Load ON/OFF Switch, and individual load step switches. Visual indicators include: Power On, Blower ON, and Blower/Air Failure
Cooling System: Integral TEFC or TEAO motor with direct coupled cooling fan blade, 5,000 CFM Cooling Rate, The Fan Motor is fully protected with fuses, motor starter contactor, and overload relay
Frequency: 60 Hz
Resistor Elements: Helically wound chromium alloy Helidyne elements

Ratings

NRTL Listed Service Equipment
NRTL Listed to UL 1008
NRTL Listed to UL 98
NEMA 3R Rated for Indoor/Outdoor Use
Two Years Warranty
Made in the USA

Safety Features

Electrically interlocked load steps
Short circuit protection fuses
15A control/blower circuit fuse
UL 508A Listed
Exhaust temperature sensors

Communication Ports: USB, RS232
Wheels: Included, Caster Wheels
Forklift Chain Included
Operating Temperature: -28°C to +50°C
Construction Material: Heavy gauge aluminized steel (ASTM A463)
Fasteners Material: Stainless steel
Enclosure Finish: Baked polyester powder coat (ANSI 61 gray)
Enclosure Type: NEMA 3R Ventilated
Mount: Mounted on Wheeled Cart
Dimensions: 26.45"-W x 51.92"-D x 46.86"-H
Weight: 600 lb
Shipping Dimensions: TBD
Shipping Weight: TBD

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.

Special Orders - Special Requirements
Contact us for special requirements
Toll Free: 1-800-369-6671
Intl: 1-214-616-6180
Fax: 1-903-765-7664
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 the USA

The MPD-PLB-50KVA-120.208V-60HZ-N3R-M1 from Larson Electronics is a Portable Load Bank that is essential for maintenance to ensure your generator performs to required engine wattage. Normally a generator runs at a level less than its rated output; therefore a load bank test provides an artificial load to ensure the generator is running at the correct wattage if needed.

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

The MPD-PLB-50KVA-120.208V-60HZ-N3R-M1 portable load bank provides a safe and reliable way for operators in industrial settings to test generators' wattage. Compatible with three-phase 480V AC, the PLB features 5 KW load step resolution. This 3-phase load bank carries a 50 kVA (50 KW) at 120/208V AC operating voltage.

Operation: The MPD-PLB-50KVA-120.208V-60HZ-N3R-M1 features a locking door. The door provides access to a permanently attached operating handle.

Enclosure Design: This portable load bank is a compartmental design. The housing is fabricated from steel. The front electrical enclosure carries a NEMA 3R rating. Two hinged exterior doors allow for access into the compartments. A steel plate allows for underground conduit entry into the enclosure compartments. A removable steel plate at the base of the power compartment prevents rodents and other intrusions from entering the enclosure once installed. Four removable caster wheels are installed in Load bank base to enable easy move.

Certification: This PLB is NRTL listed to UL 98 and UL 1008, as well as NRTL listed for service equipment.

Mount: Ground mount.

Applications: This Load bank has a wide variety of applications such as: Generator servicing, generating set exercising and / or testing, keeping generating set above minimum loading (load shedding), battery discharge and UPS systems exercising, and /or testing to reduce ‘Wet Stacking’ problems and ground power testing.

At Larson Electronics, we do more than meet your lighting needs. We also provide replacement, retrofit, and upgrade parts as well as industrial grade power accessories. Our craftsmen can custom build any lighting system and/or accessories to fit the unique demands of your operation. A commitment to honesty, quality, and dependability has made Larson Electronics a leader in the lighting and electronics business since 1973. Contact us today at 800-369-6671 or message sales@larsonelectronics.com for more information about our custom options tailored to meet your specific industry needs.

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Frequently Asked Questions (FAQ)

There are no Faqs

Export Control Classification Number (ECCN): EAR99

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