Larson Electronics LLC
9419 E US HWY 175, Kemp, TX 75143
Phone: 800.369.6671

www.LarsonElectronics.com
Email: sales@LarsonElectronics.com
Fax: 903.765.7664

MPD-PLB-200KVA-480V-50.60HZ-N3R-M1-1AWG.25FT-2AWG.25FT.GND

200 KVA Portable Load Bank - 480V Rated, 3-Phase, 50/60 Hz, Caster Wheels, NEMA 3R, Bell Green

Product ID: 308668

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



Image: MPD-PLB-200KVA-480V-50.60HZ-N3R-M1-1AWG.25FT-2AWG.25FT.GND

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-200KVA-480V-50.60HZ-N3R-M1-1AWG.25FT-2AWG.25FT.GND Portable Load Bank

Unit Type: Portable Load Bank
Line-In: Included, (3) 1 AWG, 25 ft Line Cables, (1) 2 AWG, 25 ft Ground Cable
Line-In Connections: Terminal Lugs
Line-In Orientation: Bottom Feed
Capacity: 200 KVA (200 KW)
Voltage (V): 480V AC
Current Rating: 240 A
Power Factor: 1.0
Voltage (V): 480V AC
Phase (PH): 3-Phase + Ground
Frequency (Hz): 50/60 Hz
No. Of Load Steps: 10
Manual Load Step Decade (Kw): 1,2,2,5,10,10,20,50,50,50 (fixed)
Load Element: Stainless steel tube resistor with wind cooling which are insulated with heavy-duty, high temperature ceramic insulators

Ratings

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

Protection:

Emergency stop gives full isolation of the fan and control supply

The fan motor is fully protected with breaker and a thermal overload
Over temperature detector is fitted to protect against overheating in the resistive duct, switchgear panel
Cooling fan fault detector is used to monitor fan status and air flow direction
Each step load and its associated contactor are protected by a MCB

Display: Included, 7" HMI Instruments Display
Volts, HZ, AMPS, KW, KVA, PF, KWH, KVAR, Temperature Display
Manual switching controls for each load step and lamp indicators
PLC logic control
Remote stop function is used to immediately shed load. In situations where the generator is used as a simulated load for standby generators If mains' power failure occurs
The load bank can remote stop and reverse the capacity of genset for back up power supply
Audible and visual alarm for over temperature and cooling fan fault
Fault reset and lamp test function

Wheels: Included, (4) Caster Wheels
Operating Temperature: -10°C to +50°C
Humidity: 90%
Altitude: 5,000 feet above sea level
Lifting: Top four lifting points and bottom forklift holes are both available
Form Factor: Rectangular, Slim-profile Enclosure w/ Lockable Doors
Door: (2) Hinged Doors w/ Pad Lockable Handle
Enclosure Material: Galvanized Steel
Enclosure Finish: Munsell™ 7GY 3.29/1.5 Bell Green
Enclosure Type: NEMA 3R Ventilated
Mount: Portable/Floor Mount
Dimensions: 45.7"-W, 70.08"-D, 51.6"-H
Weight: 1565 lbs
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: 1-903-270-1187
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 Larson Electronics MPD-PLB-200KVA-480V-50.60HZ-N3R-M1-1AWG.25FT-2AWG.25FT.GND Portable Load Bank 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-200KVA-480V-50.60HZ-N3R-M1-1AWG.25FT-2AWG.25FT.GND 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 10-Steps decade. This 3-phase load bank carries a 240 A at 480V AC operating voltage.

Operation: The MPD-PLB-200KVA-480V-50.60HZ-N3R-M1-1AWG.25FT-2AWG.25FT.GND

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 allows 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: portable or floor 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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