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MPD-PLB-400KVA-208Y.120V-50.60HZ-N3R-M1

400 KVA Portable Load Bank - 208Y/120V Rated, 3-Phase, 50/60 Hz, Caster Wheels, NEMA 3R, Bell Green

Product ID: 313074



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-400KVA-208Y.120V-50.60HZ-N3R-M1 Portable Load Bank
Unit Type: Portable Load Bank
Line-In: Included, (4) x 25 ft 350 KCMIL + 3/0 AWG Ground Cable
Line-In Connections: Terminal Lugs
Line-In Orientation: Bottom Feed
Capacity: 400 KVA (400 KW)
Voltage (V): 208Y/120V AC Wye

Current Rating: 1200

Power Factor: 1.0

Voltage (V): 208Y/120V 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
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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 the USA

The Larson Electronics MPD-PLB-400KVA-208Y.120V-50.60HZ-N3R-M1 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-400KVA-208Y.120V-50.60HZ-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 10-Steps decade. This 3-phase load bank carries a 1111 A at 208Y/120V AC operating voltage.

Operation: The MPD-PLB-400KVA-208Y.120V-50.60HZ-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 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.

Frequently Asked Questions (FAQ)