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MPD-PLB-265KW-480Y.277-60HZ-N1-M1

265 kW Portable Load Bank Disconnect Cart - 400 Amp, 480Y/277V, 3-Phase, 4-Wire + Ground, 60 Hz, Heavy-Duty Raintight Fusible Disconnect, Cam-Lock Input/Output, Caster Wheels, NEMA 1

Product ID: 341354

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



Image: MPD-PLB-265KW-480Y.277-60HZ-N1-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-265KW-480Y.277-60HZ-N1-M1 Portable Load Bank

Unit Type: Portable Load Bank Disconnect Cart
Disconnect Type: Heavy-Duty Raintight Fusible Safety Switch
Line-In: (5) x 400A Male Cam-Lock Panel Inlets (A, B, C, N, G)
Load connections:: (5) x 400A Female Cam-Lock Panel Receptacles (A, B, C, N, G)
Line-In Orientation: Bottom Feed
Duty Cycle: Continuous
Capacity: 265 kW Load Bank
Voltage: 480Y/277V AC
Current Rating: 400 Amps Continuous
SCCR: 42 kA RMS Symmetrical Minimum @ 480V
System: 4-Wire + Ground
Phase: 3-Phase
Frequency: 60 Hz
Neutral: Solid, Unswitched & Unfused
Fuse Type: Class J Preferred (Class R Acceptable)
Fuse Rating: (3) x 400A, 600V
Neutral Bus: 400A Insulated Neutral Bar
Ground Bus: Bonded Equipment Ground Bar

Ratings

NRTL Listed Service Equipment
NRTL Listed to UL 98
UL 1691 Listed Cam-Type Connectors
NEMA 1 Rated for Indoor Use

Made in the USA

Ground Connection: Included
Cam-Lock Rating: 400A, 600V
Protective Caps: Included
Wheels: Included, (2) Fixed & (2) Swivel Total-Lock 8" Non-Marking Casters
Stabilizers: (4) Screw-Down Leveling Feet
Cart Capacity: 1,200 lbs Minimum
Cart Frame: Welded 2" × 2" × 0.120" Steel Tube Frame
Handle: Padlockable OFF Handle
Door: Hinged Door
Form Factor: Rectangular Mobile Cart
Weather Hoods: Included
Deadfront Barriers: Included
Enclosure Material: Powder-Coated Steel
Enclosure Finish: Safety Yellow Powder Coat (Project Standard Optional)
Enclosure Type: NEMA 1
Mount: Portable/Floor Mount
Dimensions: 30"W × 20"D × 56"H
Weight: 210 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
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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-265KW-480Y.277-60HZ-N1-M1 Portable Load Bank Disconnect Cart provides a safe and reliable means of connecting and disconnecting portable load banks from temporary power sources during generator testing, commissioning, maintenance, and servicing. Designed for 265 kW load bank applications, this heavy-duty portable disconnect cart features a 400-amp continuous current rating, 480Y/277V AC, 3-phase, 4-wire plus ground configuration, and a NEMA 1 heavy-duty fusible safety disconnect for indoor operation.

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

The MPD-PLB-265KW-480Y.277-60HZ-N1-M1 is equipped with a 3-pole heavy-duty fusible safety switch, 400A UL 1691 listed cam-lock input and output connectors, and Class J current-limiting fuse provisions (Class R acceptable). The portable disconnect cart is designed with a 42 kA RMS symmetrical minimum short-circuit current rating (SCCR) at 480V, with a design target of 200 kA SCCR when used with the specified Class J or Class R current-limiting fuses. The assembly includes an insulated neutral bar, bonded equipment ground bar, finger-safe deadfront barriers, weather-protected connector compartments, and protective cam-lock caps for enhanced operator safety.

Operation: The MPD-PLB-265KW-480Y.277-60HZ-N1-M1 features a heavy-duty, quick-make/quick-break fusible disconnect with a padlockable OFF handle and door interlock for safe operation. Five male cam-lock panel inlets provide line input, while five female cam-lock panel receptacles provide load output for quick temporary power connections. Neutral remains solid, unswitched, and unfused throughout operation.

Enclosure Design: The portable disconnect cart is constructed from a welded 2" × 2" × 0.120" steel tube frame with a powder-coated steel NEMA 1 enclosure. The cart includes two fixed and two swivel total-lock non-marking casters, four screw-down leveling feet, a rear push handle, and a divided lower cam-lock enclosure with finger-safe deadfront barriers for increased operator protection during operation

Certification: This portable disconnect cart utilizes a UL 98 listed heavy-duty fusible safety switch and UL 1691 listed cam-lock connectors, and is intended to be built and labeled to applicable NRTL and AHJ requirements for portable power distribution equipment.

Mount: portable or floor mount.

Applications: Ideal for portable load bank connections, generator testing, generator commissioning, preventive maintenance, emergency power system verification, temporary power distribution, and other industrial or commercial applications requiring safe connection and isolation of portable load banks.

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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