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MPD-MT-UPS-1P-208V-6KVA-208.120V-R1-N1

3 KVA Uninterruptible Power Supply - 208V Input / 208V & 120V Output - 60Hz - 1PH - 2.7 KW - Online Double Conversion - Rack Mount - Integrated Step-Down Transformer

Product ID: 338523

Image: MPD-MT-UPS-1P-208V-6KVA-208.120V-R1-N1

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-MT-UPS-1P-208V-6KVA-208.120V-R1-N1 Uninterruptible Power Supply

Unit Type: Uninterruptible Power Supply - True Online Double-Conversion UPS with Integrated Step-Down Transformer
Technology: Online Double-Conversion Topology
Input Voltage: 208V AC Single Phase
Output Voltage: Simultaneous 208V AC and 120V AC via Integrated Step-Down Isolation Transformer
Integrated Transformer: Internal 208V-to-120V Step-Down Isolation Transformer
Output Power Capacity: 3,000 VA / 2,700 Watts
Phase: Single Phase
Frequency: 60 Hz
Transfer Time: 0 ms (Zero Transfer Time)
Voltage Regulation: ±2% (Online & Battery Modes)
Surge Protection: Minimum 570 Joules
Output Power Factor: 0.9
Battery Type: Hot-Swappable VRLA Batteries
Battery Configuration: Internal Batteries Included
Runtime: Minimum 13.5 Minutes @ 50% Load (1350W); Minimum 5 Minutes @ Full Load (2700W)
Extended Runtime: Supports External Battery Packs
Battery Management: Intelligent Battery Management with Temperature-Compensated

Ratings/Approvals

LCD Status Display

Automated Alerts
Event Logging

Charging

Automatic Bypass: Included

Automatic Restart After Utility Power Restoration: Included

Cooling: Forced Air

Operating Temperature: 32°F to 104°F (0°C to 40°C)

Relative Humidity: 0% to 95% Non-Condensing

Altitude: 0 to 3,300 ft (1,006 m) without derating

Location: Indoor Mission-Critical Applications

Rackmount Hardware: Included

Hot-Swappable Components: Included

USB Communication Port: Included

DB9 Serial Communication Port: Included

SNMP Network Management: Optional

Remote Monitoring: Supported

Mounting Configuration: Rackmount, Maximum 4U Height
Enclosure: NEMA 1 (Indoor Use)
Dimensions: 19"-W x 26"-D x 7"-H
Weight: 145 lbs
Input Connection: NEMA L6-20P or Hardwired 208V Input
Output Receptacles: Minimum 20 Total Receptacles Including NEMA 5-15/20R, NEMA 6-15/20R, and NEMA L6-20R
Load Management: Independently Switchable Load Banks with Remote Reboot and Load Shedding
Color: Black
All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250

Special Orders - Special Requirements
Contact us for special requirements
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The MPD-MT-UPS-1P-208V-6KVA-208.120V-R1-N1 is a Rackmount Uninterruptible Power Supply (UPS) designed for protection of servers, networking equipment, industrial electronics, control systems, medical equipment, and other mission-critical devices in commercial, industrial, and government environments. This battery backup unit accepts single-phase 208V AC input power and provides simultaneous 208V AC and 120V AC output power through an integrated step-down isolation transformer. The system utilizes hot-swappable VRLA (sealed lead acid) batteries and is designed for rackmount indoor installations within a NEMA 1 enclosure with a maximum height of 4U.

The MPD-MT-UPS-1P-208V-6KVA-208.120V-R1-N1 facilitates reliable battery backup support for customer-provided equipment requiring continuous power protection during utility outages, brownouts, surges, and power disturbances. This true online, double-conversion UPS delivers 3,000 VA / 2,700 watts of clean sine-wave output power with a 0.9 output power factor and zero transfer time between utility and battery operation. The system includes internal hot-swappable batteries providing a minimum runtime of 13.5 minutes at 50% load (1,350 watts) and 5 minutes at full load (2,700 watts). Intelligent battery management with temperature-compensated charging maximizes battery performance and service life, while automatic battery recharge functionality restores backup capability following utility power interruptions.

This UPS includes a minimum of 20 output receptacles consisting of combinations of NEMA 5-15/20R, NEMA 6-15/20R, and NEMA L6-20R connections for versatile equipment integration. Additional features include automatic bypass operation, automatic restart following utility

power restoration, independently switchable load banks for remote reboot and load shedding, surge protection rated at a minimum of 570 joules, hot-swappable components, and an LCD status display for system monitoring and diagnostics. Communication capability includes USB and DB9 serial ports, optional SNMP network management support, remote monitoring, automated alerts, and event logging.

Wiring: This unit operates from a single-phase 208V AC power source and provides simultaneous 208V AC and 120V AC output power through an integrated step-down isolation transformer. Output power distribution is provided through combinations of NEMA 5-15/20R, NEMA 6-15/20R, and NEMA L6-20R receptacles.

Mounting: The MPD-MT-UPS-1P-208V-6KVA-208.120V-R1-N1 is configured for rackmount installation and occupies a maximum of 4U rack space in temperature-controlled indoor environments.

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