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MPD-MT-UPS-3P-208.120V-40KVA-208.120V-R1-N1

40 KVA Uninterruptible Power Supply System - 208Y/120V 50/60Hz, 3PH - 40 KW - Lithium-Ion Batteries - 60 Minute Runtime at 15.3 KW - Includes 8 PDUs

Product ID: 342022

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



Image: MPD-MT-UPS-3P-208.120V-40KVA-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-3P-208.120V-40KVA-208.120V-R1-N1 Uninterruptible Power Supply System

Unit Type: Uninterruptible Power Supply System
Dimensions: 60"-W x 42"-D x 78"-H
Weight: 2,050 lbs
Input Voltage: 208/120V AC 3PH, 50/60Hz, +/- 10%
Output Voltage: 208/120V AC 3PH, 50/60Hz
Output Power Capacity: 40 KW / 40 KVA
Max Configurable Power: 40 KW / 40 KVA
Output Voltage Distortion: Less Than 3%
Crest Factor: 3:1, Double Conversion Online
Waveform Type: Sine Wave
Battery Type: Lithium-Ion
Battery Chemistry: Lithium Iron Phosphate (LiFePO□/LFP)
Runtime: 60 Min at 15.3 KW Actual Load
Battery Management: Integrated Battery Management System (BMS)
Battery Cabinet: External Lithium-Ion Battery Cabinet/System, Sized to Provide Minimum 60-Minute Runtime at 15.3 KW Actual Load
Filtering: Full-Time Online Double-Conversion Power Conditioning and Harmonic/Noise

Ratings/Approvals

Filtering
Interface: LCD/LED Status Display with Load, Battery, Input/Output and Alarm Monitoring; Ethernet/SNMP, USB/RS-232
Pre-Installed SmartSlotT Cards: AP9619
Control Panel: LCD/LED Status Display with Load and Battery Status; Online, On Battery, Replace Battery, Overload, Bypass and Fault Indicators
Audible Alarm: Alarm When on Battery, Low Battery, Overload, Bypass and Fault Conditions
Emergency Power Off (EPO): Yes
Operating Temp: 0°C to 25°C
Operating/Storage Relative Humidity: 0-95% Non-Condensing
Operating Elevation: 0-10,000`
Storage Temp: -15°C to 45°C
Storage Elevation: 0-50,000`
Battery Cabinet: External Lithium-Ion Battery Cabinet(s) – Sized to Provide Minimum 60-Minute Runtime at 15.3 KW Actual Load
Accessories: 8) Data Center PDUs – Each with 120 VAC, 30 Amp Single-Phase Input, NEMA L5-30P 125V-Rated Input Plug and 15' Power Cord
Hardware Material: Zinc Plated Steel
Enclosure Finish: Manufacturer Standard Powder-Coated Finish
Mount: Floor Mount
Input Connections: Hardwire 4-wire (3PH + N + G)
Output Connections: Hardwire 4-wire (3PH + N + G) – Battery Backup Output
Bypass: Internal Automatic Static Bypass and Maintenance Bypass
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-3P-208.120V-40KVA-208.120V-R1-N1 is an Industrial Uninterruptible Power Supply (UPS) System designed for mission-critical data center and commercial applications. This heavy-duty online double-conversion battery backup system provides 40 kW / 40 kVA of continuous power and operates on three-phase 208Y/120 V AC power. Equipped with a lithium-ion battery system, the MPD-MT-UPS-3P-208.120V-40KVA-208.120V-R1-N1 provides a minimum 60-minute runtime at an actual 15.3 kW load. The system is designed for indoor installation and includes eight customer-facing PDUs with NEMA L5-30P input plugs and 15-foot power cords.

The MPD-MT-UPS-3P-208.120V-40KVA-208.120V-R1-N1 delivers clean, conditioned sine-wave power to critical equipment while protecting connected loads from power interruptions and electrical disturbances. This 40 kW / 40 kVA UPS features three-phase 208Y/120 V AC, 50/60 Hz input and three-phase 208Y/120 V AC output. The online double-conversion topology provides continuous power conditioning and zero-transfer-time protection during utility power interruptions. The integrated lithium-ion battery system is sized to provide a minimum 60-minute runtime at 15.3 kW actual load and includes a battery management system for battery monitoring and protection.

The UPS features an LCD/LED control interface for monitoring system status, input and output conditions, load level, battery status, alarms and operating conditions. Audible alarms provide notification of battery operation, low battery, overload, bypass and fault conditions. The system includes an Emergency Power Off (EPO) connection and communications capabilities for remote monitoring and system management.

PDUs: The MPD-MT-UPS-3P-208.120V-40KVA-208.120V-R1-N1 package includes eight (8) data center PDUs, each equipped with a 120 VAC, 30 amp single-phase input, NEMA L5-30P

125 V-rated input plug, and 15-foot power cord. The PDUs are supplied as separate components of the overall UPS system package for connection to the UPS-backed power distribution system.

Wiring: This UPS accepts hardwired 4-wire (3PH + N + G) input connections. Output connections include hardwired 4-wire (3PH + N + G) battery-backed output connections for distribution to the PDU system. An internal automatic static bypass provides transfer to utility power during UPS overload or fault conditions.

Mounting: The MPD-MT-UPS-3P-208.120V-40KVA-208.120V-R1-N1 is designed for indoor, floor-mounted installation. This RFQ includes hardware/equipment only; installation labor will be quoted separately following a site survey.

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

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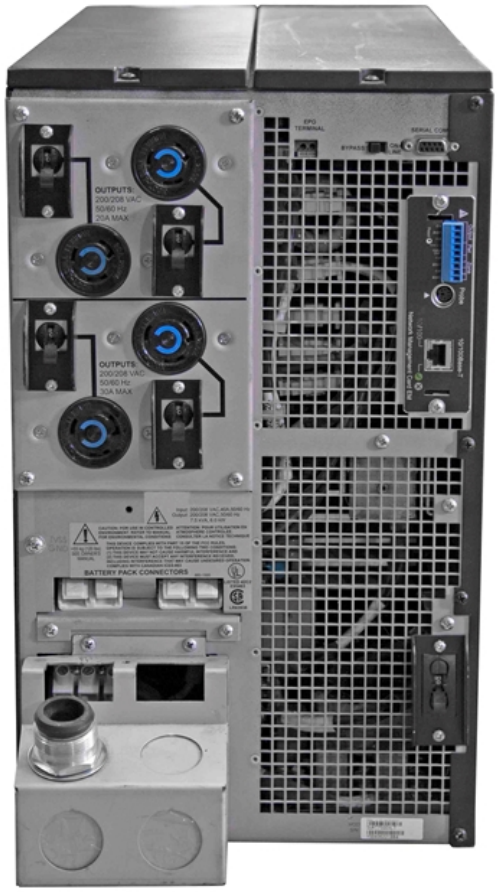


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Export Control Classification Number (ECCN): EAR99

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