Larson Electronics LLC
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MT-UPS-3P-480V-75KVA-480V-R1-N1

75 KVA Uninterruptible Power Supply – 480V 50/60Hz, 3PH – 60 KW – SLA Batteries

Product ID: 327153

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

Image: MT-UPS-3P-480V-75KVA-480V-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.

MT-UPS-3P-480V-75KVA-480V-R1-N1 Industrial Battery Backup

Unit Type: Uninterruptible Power Supply
Dimensions: 36" x 32" x 72"
Weight: 2,200 lbs
Input Voltage: 480V AC 3PH, 50/60Hz, +/- 10%
Output Voltage: 480V AC 3PH, 50/60Hz
Output Power Capacity: 60 KW / 75 KVA
Max Configurable Power: 60 KW / 75 KVA
Output Voltage Distortion: Less Than 3%
Crest Factor: 3:1, Double Conversion Online
Waveform Type: Sine Wave
Battery Type: Maintenance-free Sealed Lead-Acid w/ Suspended Electrolyte, Leakproof
Backup Time: 10–15 Minutes @ 60 kW (Extended runtimes optional)
Filtering: Full-time Multi-pole Noise Filtering: 0.3% IEEE Surge Let-through: Zero Clamping Response Time
Interface: DB-9 RS-232 , RJ-45 10/100 Base-T, Smart-Slot
Pre-Installed SmartSlotT Cards: AP9619
Control Panel: LED Status Display with Load and Battery Bar-graphs; On Line, On Battery, Replace Battery, Overload and Bypass Indicators
Audible Alarm: Alarm When on Battery, Distinctive Low Battery Alarm and Overload

Ratings/Approvals

Continuous Tone Alarm

Emergency Power Off (EPO): Yes

Operating Temp: 0°C to 40°C

Operating/Storage Relative Humidity: 0-95%

Operating Elevation: 0-10,000`

Storage Temp: -15°C to 45°C

Storage Elevation: 0-50,000`

Battery Cabinet: (2–4) Cabinets / (2–4) Strings depending on runtime requirements

Accessories: -

- Temperature and environmental sensor with analog and networked (email) alarming.
- 24x7 alarm monitoring that can dispatch, report, and provide real-time access to health data for the UPS.
- PREDICT PULSE WIRELESS KIT
- LTE cellular modem/router hardware capabilities

Hardware Material: Zinc Plated Steel

Enclosure Finish: Aluminum Lacquer Paint

Mount: Surface Mount

Input Connections: Hardwire 4-wire (3PH + N)

Output Connections: (1) Hardwire 4-wire (3PH + N) (Battery Backup) ,

Bypass: Internal

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

Intl: 1-903-270-1187

Toll Free: 1-800-369-6671

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E-mail: sales@larsonelectronics.com

The MT-UPS-3P-480V-75KVA-480V-R1-N1 is an Industrial Uninterruptible Power Supply (UPS) designed for mission-critical applications, work sites, and large facilities. This heavy-duty battery backup system operates on three-phase 480V AC and provides continuous online power protection for sensitive equipment. A front-mounted control panel with LED/LCD display enables real-time status updates, event indication, and configuration of operating parameters.

The MT-UPS-3P-480V-75KVA-480V-R1-N1 delivers reliable battery backup support for customer-provided loads. This 75 KVA UPS accepts Three-phase 480V AC 50/60 Hz (+/– 5 Hz auto-sensing) input and provides Three-phase 480V AC 50/60 Hz (+/– 3 Hz, user adjustable to +/– 0.1 Hz) output. With an output and maximum configurable capacity of 60 kilowatts / 75 kVA, the unit is equipped with maintenance-free sealed lead-acid batteries with suspended electrolyte. Battery runtime is approximately 10–15 minutes at 60 kW, with extended runtimes available. Recharge time varies based on battery cabinet configuration.

The sine-wave online UPS features full-time multi-pole noise filtering and includes an audible alarm for real-time operating conditions, low battery, and overload faults. The control panel provides LED status indicators and bar-graph displays for load and battery status. Available interface ports include DB-9 RS-232, RJ-45 10/100 Base-T, and Smart-Slot™ for advanced monitoring cards such as network management gateways.

Wiring: This unit accepts hardwire, 4-wire (3PH + N) input connections. The following output connections are available: (1) Hardwire, 4-wire (3PH + N) (Battery Backup).

Mounting: The MT-UPS-3P-480V-75KVA-480V-R1-N1 is compatible with floor-mounted industrial installations.

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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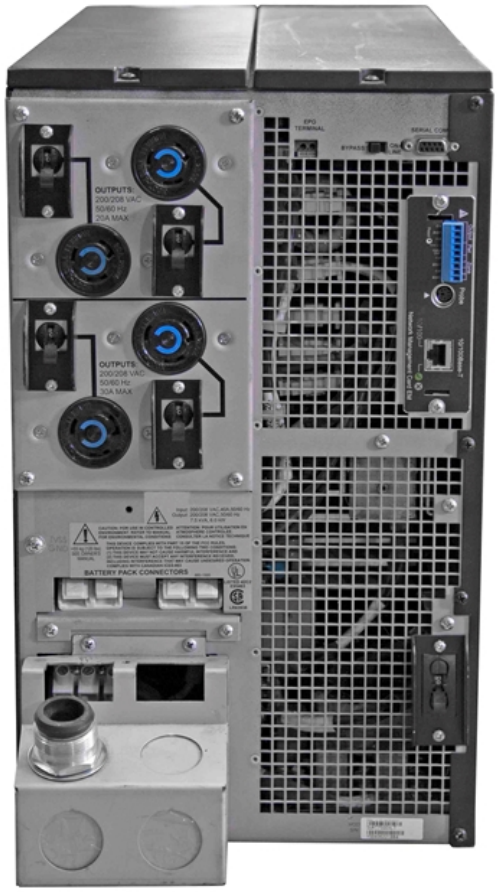

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Export Control Classification Number (ECCN): EAR99

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