

MT-UPS-3P-480V-125KVA-480V-R1-N1

125 KVA Uninterruptible Power Supply - 480V 50/60Hz, 3PH - SLA Batteries

Product ID: 315460

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



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-125KVA-480V-R1-N1 Industrial Battery Backup

Ratings/Approvals

Unit Type: Uninterruptible Power Supply

Dimensions: 55.12" x 35.43" x 70.87"

Weight: 1763.7 lbs

Input Voltage: 480V AC 3PH, 50/60Hz

Output Voltage: 480V AC 3PH, 50/60Hz with options for output at 208/120V AC through external transformers

Output Power Capacity: 125 KW/125 KVA

Max Configurable Power: 125 KW/125 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

Battery Runtime: 60 minutes

Recharge Time: Depends on configuration and battery type; typically varies

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, IntelliSlot Smart-Slot

Pre-Installed SmartSlotT Cards: IntelliSlot Unity Dual Protocol Card

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
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`

Materials: -

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

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The MT-UPS-3P-480V-125KVA-480V-R1-N1 is an Industrial Uninterruptible Power Supply (UPS) designed for critical applications in large facilities and data centers. This UPS system operates with a three-phase 480V AC input and features advanced monitoring and bypass capabilities. The unit provides a fixed capacity of 125 kVA and supports dual input configurations for enhanced flexibility.

The MT-UPS-3P-480V-125KVA-480V-R1-N1 system offers native output at 480V AC, with options for output at 208/120V AC through external transformers. This ensures compatibility with a wide range of equipment. The UPS provides up to 60 minutes of runtime, depending on load and configuration, ensuring extended backup power for critical applications. The UPS also includes a maintenance bypass cabinet and a distribution cabinet, enabling seamless load transfer during maintenance activities.

Equipped with a 150 Amp breaker, the maintenance bypass system is capable of handling significant power loads safely. The UPS also features front-access design for ease of service, seismic anchor kits for stability, and a 65kA interrupt rating to handle high fault currents.

Monitoring is facilitated through an integrated IntelliSlot Unity Dual Protocol Card, providing real-time status and network management via SNMP. The control panel includes LED indicators for immediate system status and alarms for conditions such as low battery or overload.

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-125KVA-480V-R1-N1 is compatible with surface mounting applications.

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Frequently Asked Questions (FAQ)









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