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MT-UPS-3P-480V-30KVA-208V-R1-N1

30 KVA Uninterruptible Power Supply - 480V AC Input, 208V AC Output - (2) Battery Strings (Lead Acid)

Product ID: 315926

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-30KVA-208V-R1-N1 Industrial Battery Backup

Unit Type: Uninterruptible Power Supply

Dimensions: 30.4" x 27.9" x 17"

Weight: 767.2 lbs

Input Voltage: 480V AC

Output Voltage: 208V AC

Output Power Capacity: 30 KVA

Output Form: Sinewave

Battery Type: (2) Strings of 60-Cell Flooded Lead Acid Batteries (125V DC, 210Ah per string)

Battery Protection: Automatic end-of-discharge voltage shutdown to prevent battery damage

Charging: Temperature-compensated float charging

Remote Management Interface: MODBUS over RS-232

Remote Management Protocol: HTTP, SNMP

Interface: (1) RS-232 (DB-9), (1) Ethernet (RJ-45), (1) Emergency Power Off (EPO

Expansion Slots: SmartSlot

Surge Response Time: 0 nanosecond

Power Device: Emergency Power Off, Audible Alarm, Built-in Static Bypass, LCD Display, Internal Bypass

Ratings/Approvals

Surge Suppression

Built-in Static Bypass, Internal Bypass, Emergency Power Off (EPO), Audible Alarm, LCD Display

Short Circuit Withstand Rating: 15,000A symmetrical

Inverter Overload Capability: 125% for 10 minutes, 150% for 60 seconds

Bypass Overload Capability: 150% for 15 seconds

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

Operating/Storage Relative Humidity: 0-95%

Sound: 59 dBA

Materials: -

Number of Outlets: -

Mount: Floor Standing Cabinet (Heavy-Duty, NEMA PE 1 Compliant)

Input Connections: Hardwired 480V AC, 3-phase

Output Connections: Hardwired 208V AC, 3-phase + neutral + ground

Cable: (hardwired system)

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 MT-UPS-3P-480V-30KVA-208V-R1-N1 is an Industrial Uninterruptible Power Supply (UPS) for work sites and large facilities. This battery backup unit accepts three-phase 480 V AC on the input side and provides single-phase 208V AC on the output side. The system is equipped with two battery strings of 60-cell flooded lead-acid batteries at 125V DC, ensuring seamless power backup during outages. The unit supports hardwired connections and is designed for floor mounting in industrial environments.

The MT-UPS-3P-480V-30KVA-208V-R1-N1 facilitates battery backup support for customer-provided equipment in work sites. This UPS features 480V AC on the primary side and 208V AC on the secondary side. The sine-wave UPS features emergency power off, an audible alarm, built-in static bypass, LCD display and internal bypass. The following interface ports are available on the unit: (1) RS-232 - 9 pin D-Sub (DB-9), (1) Ethernet - RJ-45 and (1) EPO. This system is expandable via a SmartSlot.

Wiring: This unit accepts hardwire, L6-30, L21-20 input connections. The following output connection available: NEMA L6-30, L21-20, 10' power cord

Mounting: The MT-UPS-3P-480V-30KVA-208V-R1-N1 is compatible with rack mounting applications (kit included).

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.

Frequently Asked Questions (FAQ)

Export Control Classification Number (ECCN): EAR99

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- **HigResPic2**
- **Video1**
- **ISO 9001 Certification**
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