

### MT-UPS-3P-208V-20KVA-120.208V-R1-N1

## 20 KVA Uninterruptible Power Supply - 208V Input, 120/208V Output, 50/60Hz, 3PH - SLA Batteries

Product ID: 333596



Image: MT-UPS-3P-208V-20KVA-120.208V-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-208V-20KVA-120.208V-R1-N1 Uninterruptible Power Supply

#### Ratings/Approvals

**Unit Type:** Uninterruptible Power Supply

**Input Voltage:** 208V AC 3PH, 50/60Hz, +/- 10%

**Output Voltage:** 120/208V AC 3PH, 4-Wire, 50/60Hz

**Output Power Capacity:** 20 kW / 20 kVA

**Max Configurable Power:** 20 kW / 20 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:** 8 Min @ 20 KW

**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 Continuous Tone Alarm

**Emergency Power Off (EPO):** Yes

**Operating Temp:** 0°C to 25°C

**Operating/Storage Relative Humidity:** 0-95%

**Operating Elevation:** 0-10,000'

**Storage Temp:** -15°C to 45°C

**Storage Elevation:** 0-50,000'

**Hardware Material:** Zinc Plated Steel

**Enclosure Finish:** Aluminum Lacquer Paint

**Mount:** Surface Mount

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

**Output Connections:** Hardwired 4-Wire (3PH + N)

**Bypass:** Internal 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 MT-UPS-3P-208V-20KVA-120.208V-R1-N1 is an Industrial Uninterruptible Power Supply (UPS) for work sites and large facilities. This battery backup unit operates on single-phase 208V AC and features a recharge time of 2.2 hours. A control panel with LED display enables real-time monitoring and setup of the power device.**

The MT-UPS-3P-208V-20KVA-120.208V-R1-N1 provides battery backup support for customer-provided equipment in demanding industrial environments. This 20 kVA UPS features three-phase 208V AC, 50/60 Hz input and three-phase 120/208V AC, 4-wire, 50/60 Hz output. Equipped with an output power capacity and maximum configurable power of 20 kW / 20 kVA, this unit contains a leakproof, maintenance-free sealed lead acid (VRLA) battery. The system provides approximately 8 minutes of backup time at 100% load and includes an internal maintenance bypass for seamless power transfer during servicing.

The sine-wave UPS features full time multi-pole noise filtering and an audible alarm that signals real-time status, low battery and overload condition. There are LED status displays and monitoring graphs on the control panel. The following interface ports are available on the unit: DB-9 RS-232, RJ-45 10/100 Base-T and Smart-Slot, Power Xpert Gateway Card.

**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-208V-20KVA-120.208V-R1-N1 is compatible with surface mounting applications.

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](mailto: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