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MT-UPS-3P-208.120V-20KVA-208.120V-R1-N3R

20 KVA Uninterruptible Power Supply - 208/120V 50/60Hz, 3PH - 18 KW - SLA Batteries

Product ID: 333675



Image: MT-UPS-3P-208.120V-20KVA-208.120V-R1-N3R

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-208.120V-20KVA-208.120V-R1-N3R Industrial Battery Backup

Unit Type: Uninterruptible Power Supply - Online Double Conversion

Dimensions: 66" (H) × 20" (W) × 34.1" (D)

Weight: 1160 lbs

Ratings/Approvals

Input:

Rated Power: 20 KVA

Rated Input Voltage: 208/120V AC (Single Input, Three Phase, 4-Wire + Ground)

Input Voltage Tolerance: ±15% (±10% standard)

Rated Input Frequency: 50/60 Hz auto-sensing

Power Factor: 0.99

Input THD: <5% (with linear load)

Bypass:

Rated Voltage: 208/120V AC

Rated Frequency: 50/60 Hz ±5% (selectable from ±2% to ±10%)

Phase: Three Phase

Output:

Rated Power: 20 KVA / 18 KW

Rated Output Voltage: 208/120V AC (Three Phase, 4-Wire + Ground)

Phase: Three Phase + N

Rated Output Current: 55.8 A

Rated Output Frequency: 50/60 Hz selectable

Crest Factor: 3:1, Double Conversion Online

Waveform Type: Sine Wave (Pure Sine, Online Double Conversion)

Static Stability: ± 1%

Dynamic Stability: ±4% for 100% step load in <1 ms

Voltage Distortion With Distorting Load: <3%

Voltage Distortion With Linear Load: <1%

Overload Capacity: 105–125% for 10 minutes, 125–150% for 1 minute, 150% immediate bypass

Power Factor: 0.9

Batteries:

Battery Type: Maintenance-free Sealed Lead Acid (VRLA), Internal

Battery Voltage: 432V DC (36 x 12V blocks)

Typical Recharge Time: 6 Hours to 90%

Backup Time: 18 minutes @ 20 kVA, 42 minutes @ 10 kVA, 90 minutes @ 5 kVA

Hot-Swappable:: Yes

Cooling Fans: Included, (4)

Remote Signals: Voltage free contacts

Communications: 2x RS-232, Slot for SNMP/Network Adapter, Slot for Dry Contacts, Remote Emergency Power Off (REPO)
Control Panel: Graphical LCD with LED indicators, Load and Battery Bar Graphs, Online, On Battery, Replace Battery, Overload, and Bypass Indicators
Audible Alarm: Alarm When on Battery, Distinctive Low Battery Alarm and Overload Continuous Tone Alarm

Active Efficiency: Up to 93%

Operating Temp: 0°C to 40°C

Storage Temp: -15°C to 45°C

Operating/Storage Relative Humidity: 0-95%

Altitude: Up to 3000 m without derating

Color: Dark grey RAL 7016

Noise Level : <58 dBA @ 1 meter

Protection Class: NEMA 3R

Materials: -
Hardware Material: -
Mount: Floor Standing (Surface Mount)
Input Connections: Hardwire – 4-Wire (3PH + N + GND)
Output Connections: (1) Hardwire 4-wire (3PH + N) (Battery Backup) , (2) NEMA L6-20R (Battery Backup), (2) NEMA L6-30R (Battery Backup)
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-208.120V-20KVA-208.120V-R1-N3R is an Industrial Uninterruptible Power Supply (UPS) for work sites and large facilities. This battery backup unit

operates on three-phase 208V/120 AC and features a recharge time of 6 hours to 90%. A control panel with LED display enables real-time monitoring and setup of the power device.

The MT-UPS-3P-208.120V-20KVA-208.120V-R1-N3R provides battery backup support for customer-provided equipment in work sites. This 20 KVA UPS features three-phase 208/120V AC 50/60 Hz (+/- 5Hz with auto-sensing) input and three-phase 208/120V AC, 50/60z (+/- 3Hz, user adjustable +/- 0.1) output. Equipped with an output power capacity and maximum configuration power of 18 KW/20 KVA, this unit contains a leakproof maintenance-free sealed lead acid with suspended electrolyte battery. The battery takes approximately 6 hours to recharge.

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.

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), (2) NEMA L6-20R (Battery Backup) and (2) NEMA L6-30R (Battery Backup).

Mounting: The MT-UPS-3P-208.120V-20KVA-208.120V-R1-N3R 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 for more information about our custom options tailored to meet your specific industry needs.

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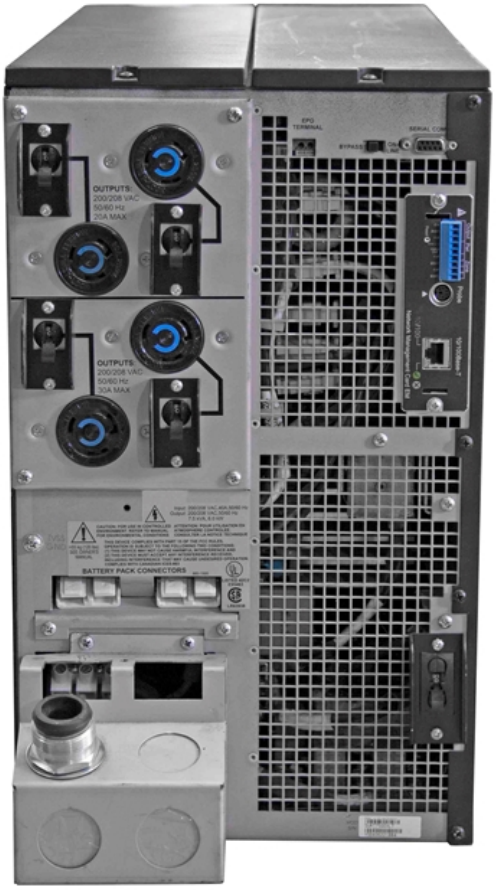
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Frequently Asked Questions (FAQ)

There are no Faqs