

MT-UPS-1P-120V-1.5KVA-120V-R1-N1-M3

1.5 KVA Uninterruptible Power Supply - 120V, Lithium-Ion Batteries - (6) Outlets - 3U Rack Mount

Product ID: 339941

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



Image: MT-UPS-1P-120V-1.5KVA-120V-R1-N1-M3

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-1P-120V-1.5KVA-120V-R1-N1-M3 Uninterruptible Power Supply

Unit Type: Uninterruptible Power Supply
Dimensions: 5.2" (H) × 17.2" (W) × 15.2" (D)
Weight: 43 lbs
Input Voltage: 120V AC
Output Voltage: 120V AC
Output Power Capacity: 1.5 kVA / 1350W
Output Form: Pure Sine Wave
Battery Type: Lithium-Ion (Li-Ion), User Replaceable
Run Time: Varies with Load
Recharge Time: Approximately 3 Hours
Communication Port: USB, Ethernet (SmartConnect), RJ-45 Network Management
Control Panel: Multifunction LCD Display
Alarm: Alarm (On Battery, Low Battery, Overload, Fault)
Power Device: Line-Interactive UPS with Automatic Voltage Regulation (AVR)
Operating Temp: 32°F to 104°F (0°C to 40°C)
Operating/Storage Relative Humidity: 0-95% (Non-Condensing)
Sound: ≤ 45 dBA
Materials: Steel Enclosure
Number of Outlets: 6
Mount: 3U Rack Mount

Ratings/Approvals

Surge Protection
UL Listed
cUL Listed
FCC Part 15 Class A
ENERGY STAR® Certified
SmartConnect Enabled

Special Orders - Special Requirements

Contact us for special requirements



Input Connections: NEMA 5-15P

Output Connections: (6) NEMA 5-15R

Cable: 8 ft Attached Power Cord

Color: Black

All grounding shall comply with state and local codes and meet the minimum requirements of the National Electronic Code section 250

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The Larson Electronics MT-UPS-1P-120V-1.5KVA-120V-R1-N1-M3 is a high-performance Uninterruptible Power Supply (UPS) designed for IT, networking, edge computing, and industrial applications requiring reliable backup power and voltage regulation. This battery backup unit accepts single-phase 120V AC on the input side and provides single-phase 120V AC on the output side. The system is equipped with long-life lithium-ion batteries and is designed for 3U rack-mounted installation in standard 19-inch equipment racks.

The MT-UPS-1P-120V-1.5KVA-120V-R1-N1-M3 provides battery backup protection for sensitive electronics and mission-critical equipment. This UPS features a 1440 VA (1350W) capacity and utilizes line-interactive topology with Automatic Voltage Regulation (AVR) to correct voltage fluctuations without unnecessarily discharging the battery. The pure sine wave output ensures compatibility with servers, network switches, storage devices, telecommunications equipment, and other sensitive electronic loads. The lithium-ion battery technology offers an extended service life, faster recharge capability, reduced maintenance requirements, and a lower total cost of ownership compared to traditional sealed lead-acid battery systems. An integrated Network Management Card and SmartConnect cloud connectivity enable secure remote monitoring and management of the UPS.

Wiring: This unit comes with an 8' attached power cord terminated with a NEMA 5-15P plug. Output connections include (6) NEMA 5-15R battery-backed receptacles for powering connected equipment.

Mounting: The MT-UPS-1P-120V-1.5KVA-120V-R1-N1-M3 is designed for 3U rack mounting and installs in standard 19-inch equipment racks, making it ideal for data centers, network closets, telecommunications rooms, industrial control systems, and distributed edge computing environments

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)

There are no Fags



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Export Control Classification Number (ECCN): EAR99



Links (Click on the below items to view):

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- **HigResPic2**(<https://www.larsonelectronics.com/images/product/HigResPic2/339941.JPG>)
- **Video1**(<https://www.youtube.com/watch?v=LCYOu15ez4s>)
- **ISO 9001 Certification**(<http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF>)
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