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MT-UPS-1P-230V-1KVA-230V-R1-N1-M1

1 KVA Uninterruptible Power Supply - 230V, Sealed Lead-Acid Battery - (4) Battery-Backed Outlets - Tower Mount

Product ID: 344242

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



Image: MT-UPS-1P-230V-1KVA-230V-R1-N1-M1

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-230V-1KVA-230V-R1-N1-M1 Uninterruptible Power Supply

Unit Type: Uninterruptible Power Supply
Dimensions: 9.2" (H) × 6.3" (W) × 12.0" (D)
Weight: Approximately 12.6 lbs
Input Voltage: 230V AC, Single Phase
Output Voltage: 230V AC
Output Power Capacity: 1 KVA / 600W
Output Form: Sine Wave
UPS Topology: Line-Interactive with Automatic Voltage Regulation (AVR)
AVR: Boost and Buck Functions
Battery Type: Maintenance-Free, Sealed Lead-Acid
Recharge Time: 90% Capacity Within 8 Hours
Communication Port: USB, Serial, and SmartConnect Ethernet
Control Panel: Graphic LCD Display
Alarm: Audible Alarm (On Battery, Low Battery, Overload)
LED Indicators: Utility Power, Battery Mode, Fault, and Battery Status
Operating Temp: 32°F to 104°F (0°C to 40°C)
Operating/Storage Relative Humidity: 0-95% (Non-Condensing)
Sound: Approximately 40 dBA at 1 meter
Materials: Steel Enclosure

Ratings/Approvals

CE Certified
RoHS Compliant
IEC 62040-1 Compliant
IEC 62040-2 Compliant

Number of Outlets: Minimum 4 Battery-Backed Outlets
Mount: Tower
Input Connections: IEC 60320 C14
Output Connections: (4) Universal/IEC Outlets
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
Intl: 1-903-270-1187
Toll Free: 1-800-369-6671
Fax: 1-903-765-7664
E-mail: sales@larsonelectronics.com

The Larson Electronics MT-UPS-1P-230V-1KVA-230V-R1-N1-M1 is a reliable Line-Interactive Uninterruptible Power Supply (UPS) designed for desktop computers, network switches, monitors, VoIP devices, and other office electronic equipment requiring dependable backup power and voltage regulation. This UPS accepts single-phase 230V AC input and provides single-phase 230V AC output. The unit features a 1 KVA capacity with a minimum real output power of 600W and is equipped with maintenance-free, sealed lead-acid batteries.

The MT-UPS-1P-230V-1KVA-230V-R1-N1-M1 provides battery backup protection against power outages, brownouts, overvoltage, and other electrical disturbances. This UPS utilizes line-interactive topology with Automatic Voltage Regulation (AVR), including Boost and Buck functions, to regulate input voltage without unnecessarily switching to battery power during normal brownout or overvoltage conditions. The unit provides a maximum transfer time of 10 milliseconds and includes automatic overload protection, short-circuit protection, integrated surge protection, cold-start capability, automatic battery charging, and automatic battery self-test. The battery system is user-replaceable or hot-swappable and can recharge to at least 90% capacity within 8 hours.

Wiring: This unit accepts single-phase 230V AC input through an IEC 60320 C14 connection. Output connections include (4) battery-backed Universal/IEC outlets with surge protection for connected 220–240V equipment.

Mounting: The MT-UPS-1P-230V-1KVA-230V-R1-N1-M1 is designed for tower mounting, making it suitable for desktop computers, network equipment, telecommunications equipment, office electronics, and other applications requiring dependable backup power and voltage regulation in a compact standalone configuration.

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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Frequently Asked Questions (FAQ)

There are no Faqs

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- **HigResPic1**(https://www.larsonelectronics.com/images/product/HigResPic1/344242.JPG)
- **HigResPic2**(https://www.larsonelectronics.com/images/product/HigResPic2/344242.JPG)
- **Video1**(https://www.youtube.com/watch?v=LCYOu15ez4s)
- **ISO 9001 Certification**(http://larsonelectronics.com/images/pdfdocs/ISO9001.PDF)
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