

Model # MU2000VS

Smart line interactive UPS with 8xC13 - 230V, 2000VA, 1200W with Color LCD and USB based power monitoring tools

Product Description

Magnizon MU2000VS Series is a smart line interactive UPS with the most advanced DSP control technology with built in boost & buck AVR technology which can protect the sensitive device from utility fail, over /under voltage, surges, transients, spikes and other electrical abnormalities. With automatic boost voltage regulation and wide input voltage range, VS series UPS is a good choice to be applied to all kinds of complex power environment. With elegant color LCD display shows plenty of information, alarms, error codes, battery charge status, load status etc.



Key Features

- Magnizon MU2000VS 2000VA/1200W smart line interactive UPS with AVR technology
- Advanced DSP control system with large color LCD display
- Wide input voltage range(130~290VAC) can adapt to different power grid environment
- DC start (cold start) function
- USB based power monitoring software
- 8nos of IEC C13 outlets
- Fused inlet power cable with plug
- Equipped with Boost and Buck AVR to stabilize input voltage.
- Wide input voltage range, AVR function.
- Built in DC start function enables UPS to start up without AC power supply.
- Line Surge Protection
- Overload/ Over charge/ Short-circuit/Low battery automatic alarm protection.
- Auto restart while AC recovery.

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Applications

- Small office and home office (SOHO) applications
- Photocopiers/EPBAX/FAX/SCANNER
- Music players & smart TV applications
- Desktops, servers & storage applications
- Game stations and smart toys

Package includes

- MU2000VS
- USB cable
- User manual

Specification

| Model no | MU2000VS |
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| Capacity | 2000VA/1200W |
| OUTPUT DATA | |
| Output Volt Amp Capacity (VA) | 2000 |
| Output Watt Capacity (Watts) | 1200 |
| Nominal Output Voltage(s) Supported | 220V; 230V; 240V |
| Nominal Voltage Details | 230V nominal output in battery mode |
| Frequency Compatibility | 50 / 60 Hz |
| Frequency Compatibility Details | Automatic frequency selection |
| Output Voltage Regulation (Line Mode) | 230V ($\pm 9.5\%$) |
| Output Voltage Regulation (Battery Mode) | 230V ($\pm 5\%$) |
| Output Receptacles | 8nos IEC C13 |
| Output AC Waveform (AC Mode) | Sine wave |
| Output AC Waveform (Battery Mode) | PWM sine wave |
| INPUT DATA | |
| Rated input current (Maximum Load) | 9.6Amp |
| Nominal Input Voltage(s) Supported | 230V AC |
| UPS Input Connection Type | Cable with Plug (fuse protected input power card) |
| Input Phase | Single-Phase |
| BATTERY DATA | |
| Full Load Runtime (min.) | 3min. (1200W) |
| Half Load Runtime (min.) | 5 min. (600w) |
| DC System Voltage (VDC) | 24V |
| Battery Recharge Rate (Included Batteries) | 6 hours from 10% to 90% |
| Battery Replacement Description | See manual for battery replacement information |

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| Transfer Time | 4~6 milliseconds |
| Low Voltage Transfer to Battery Power (Setpoint) | 130V |
| High Voltage Transfer to Battery Power (Setpoint) | 290V |
| VOLTAGE REGULATION | |
| Voltage Regulation Description | Automatic voltage regulation (AVR) maintains line power operation with input voltage as low as 130 and as high as 290 |
| Overvoltage Correction | Input voltages between 240 and 290 are reduced by 10% |
| Undervoltage Correction | Input voltages between 130 and 210 are boosted by 15% |
| USER INTERFACE, ALERTS & CONTROLS | |
| Switches | 1 Switch controls off/on power status |
| Audible Alarm | Audible alarm with distinct tone patterns indicates low-battery, overload, replace-battery and fault-mode |
| LCD Display | Large color LCD with AC input, AC output, Load, Battery status, fault condition, error code display |
| LED Indicators | Front panel LEDs indicate off/on power status, line power availability, battery mode operation, overload, replace-battery and fault-mode |
| SURGE / NOISE SUPPRESSION | |
| UPS AC Suppression Joule Rating | 880 |
| UPS AC Suppression Response Time | Instantaneous |
| EMI / RFI AC Noise Suppression | Yes |
| PHYSICAL | |
| Installation Form Factors Supported with Included Accessories | Tower |
| Primary Form Factor | Tower |
| UPS Power Module Weight (kg) | 11.3Kgs |
| Shipping Weight (kg) | 12.1Kgs |
| UPS Housing Material | Stainless steel |
| Dimension (DxWxH mm) | 370x 135 x 165 |
| ENVIRONMENTAL | |
| Operating Temperature Range | 0 to 40°C |
| Storage Temperature Range | -15 to 45°C |
| Relative Humidity | Up to 90%, non-condensing |
| AC Mode BTU / Hr. (Full Load) | 26 |
| AC Mode Efficiency Rating (100% Load) | 95% |
| Noise level | less than 40dB |
| Operating Elevation (m) | 0-3000m |
| Communications Interface | USB |
| COMMUNICATIONS | |
| Communications Interface | RS232 Serial; Slot for SNMP/Web interface, parallel interface |

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| Network Management Cards | SNMP-UP1, Dry contacts (optional) |
| Software compatibility | Windows family all versions, Linux, Sun Network OS, IBM Aix, Compaq Tru64 SGI IRIX, FreeBSD, HP-UX and MAC |
| UPS monitoring Software | Supplied along with UPS. Optional SNMP card with web based available on request |
| Communications Cable | RS232 serial |
| CERTIFICATIONS & WARRANTY | |
| UPS Certifications | CE, EN/IEC 62040-1:2008, EN/IEC 62040-2:2006, EN/IEC 61000-3-3:2013, EN/IEC 61000-3-2:2014 |
| UPS Quality standards | ISO9001:2015, ISO14001:2015, RoHs |
| Product Warranty Period (Worldwide) | 1-year limited Warranty |