The bXterra BM1000AVRLCD Intelligent LCD UPS system provides battery backup and surge protection for home and office devices. Powerful yet economical, the Intelligent line of LCD UPS systems are built to serve consumer-level power backup needs. A feature-rich LCD screen, line-interactive topology, simulated sine wave output and Automatic Voltage Regulation are just a few key features of this UPS backup system.

This UPS system uses AVR (Automatic Voltage Regulation) to handle minor power fluctuations without switching to battery power, thereby extending battery life. This ENERGY STAR® certified UPS system uses our GreenTech™ UPS Bypass Design to deliver improved UPS performance resulting in less energy waste and heat buildup.

Our 3-year warranty and Superior Quality Standards™ in manufacturing and design ensure our UPS system is built to the highest standards in craftsmanship and material design. A Directly Connected Equipment Guarantee provides additional assurance as to the superior construction of our products.

**FEATURES**
- Capacity: 1000VA/600W
- Topology: Line Interactive
- Waveform: Simulated Sine Wave
- Output: 120VAC ± 5%
- Plug Type & Cord: NEMA 5–15P, 6 ft. cord
- Plug Style: 45⁰ Offset Plug–Right Angle
- Outlets: 10 (5 Surge & Battery + 5 Surge Only)
- Communication: USB
- Runtime (half/full): 7 min/2 min
- Data Line Protection: Telephone/Ethernet/Coaxial
- Management Software: PowerFrame™ Personal
- ENERGY STAR® Certified: Yes
- Replaceable Battery: Yes
- Warranty: 3 Years
- Directly Connected Equipment Guarantee: $300,000

**TYPICAL APPLICATIONS**
- Smart Devices
- Routers & Modems
- Gaming Consoles
- Desktop Computers
- Home Theater Equipment
- Workstations
- Home Networking Devices
# BM1000AVRLCD Intelligent LCD UPS Specifications

## General
- **Energy Saving**: GreenTech™ UPS
- **Energy STAR® Certified**: Yes

## Input
- **Voltage**: 120V
- **Frequency Range**: 50/60 Hz ± 5Hz
- **Input Voltage Range**: 86–140V
- **Plug Type**: NEMA 5–15P
- **Plug Style**: Right Angle, 45° Offset
- **Power Cord**: 6 ft (1.83m)

## Output
- **VA/W**: 1000VA/600W
- **Power Factor**: 0.6
- **Automatic Voltage Regulation**: Boost +15%
- **On Battery Voltage**: 120VAC ± 5%
- **On Battery Frequency**: 50/60 Hz ± 1Hz
- **On Battery Waveform**: Simulated Sine Wave
- **Outlet Type**: NEMA 5–15R
- **Outlets Total**: 10
- **Outlets Battery & Surge Protected**: 5
- **Outlets Surge–Only Protected**: 5
- **Overload Protection**: Internal Circuitry Limiting/Circuit Breaker
- **Transfer Time**: 4 ms typical

## Battery
- **Runtime at Half Load**: 7 min
- **Runtime at Full Load**: 2 min
- **Battery Type**: Sealed Lead–Acid
- **Battery Size**: 12V/9AH
- **Hot-Swappable**: Yes
- **Replacement Battery Cartridge**: DJW12-9.0
- **Battery Quantity**: 1
- **Replaceable**: Yes
- **Typical Recharge Time**: 6-8 hour(s) to 90% capacity

## Surge Protection & Filtering
- **Surge Suppression**: 1080 Joules
- **Phone RJ11 / Ethernet RJ45**: Yes
- **Coax Protection RG6**: 1–In, 1–Out
- **EMI/RFI Filtration**: Yes

## Management & Communications
- **Multifunction LCD Panel**: Input/Output Voltage, Input/Output Frequency, Load Level, Battery Capacity, Estimated Remaining Runtime and Site Wiring Fault, Fault, Mute, AVR, Overload
- **HiD Compliant USB Port**: Yes
- **Management Cable**: USB Cable
- **Audible Alarms**: On Battery, Low Battery, Overload, Fault
- **Software**: PowerFrame™Personal

## Physical
- **Form Factor**: Mini-Tower
- **Dimensions (in) W x H x D**: 3.9 x 11 x 11.3
- **Weight (lbs)**: 18.70

## Environmental
- **Operating Temperature**: 32°F to 104°F (0 °C to 40°C)
- **Storage Temperature**: 5°F to 113°F (~–15°C to 45 °C)
- **Operating Humidity**: 0%–90% non-condensing
- **Storage Relative Humidity**: 0%–95% non-condensing
- **Maximum Operating Elevation**: 10,000 ft (3,000 m)
- **Maximum Storage Elevation**: 50,000 ft (15,000 m)

## Certifications
- **Safety**: cTUVus (standard:UL1778) / FCC Part 15 Class B / ENERGY STAR® Certified
- **Environmental**: RoHS Compliant

## Warranty
- **Commercial Warranty**: 3 Years Limited
- **Directly Connected Equipment Guarantee**: $300,000

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