

## APC BVX1200LI

# APC Easy UPS BVX1200LI Uninterruptible Power Supply User Manual

Model: BVX1200LI

[Introduction](#)   [Safety](#)   [Setup](#)   [Operation](#)   [Maintenance](#)   [Troubleshooting](#)   [Specifications](#)  
[Warranty](#)   [Support](#)

## 1. INTRODUCTION

---

The APC Easy UPS BVX1200LI is an Uninterruptible Power Supply (UPS) designed to provide battery backup and surge protection for your electronic devices. It safeguards your equipment from power outages, voltage fluctuations, and surges, ensuring continuous operation and protecting against potential damage.

Key features of this UPS include:

- 1200 VA / 650 W Battery Backup Power
- 6 IEC-C13 outlets protected with battery backup
- Automatic Voltage Regulation (AVR) to stabilize input voltage levels
- Ideal for home devices such as modems, routers, smartphones, and desktop PCs



Figure 1: Front view of the APC Easy UPS BVX1200LI.

## 2. IMPORTANT SAFETY INSTRUCTIONS

---

Please read these instructions carefully before installing, operating, servicing, or maintaining the equipment. Failure to follow these instructions can result in equipment damage, property damage, or minor to severe injury.

- This UPS is intended for indoor use only.
- Do not operate this UPS in direct sunlight, in contact with fluids, or where there is excessive dust or humidity.
- Connect the UPS power cable directly to a wall outlet. Do not use surge protectors or extension cords.
- Ensure proper ventilation around the UPS.
- Servicing of batteries should be performed or supervised by personnel knowledgeable about batteries and the required precautions.

For detailed safety information, please refer to the official Safety Information PDF [Safety Information \(PDF\)](#)

## 3. SETUP AND INSTALLATION

---

### 3.1 Unpacking

Carefully unpack the UPS and inspect it for any shipping damage. The package should include the APC

Easy UPS BVX unit and a user manual.

### 3.2 Connecting the Battery

The UPS is shipped with the battery disconnected for safety. Before use, you must connect the internal battery. Locate the battery connector on the rear panel of the UPS. Push the yellow battery connector into the corresponding slot until it clicks securely into place.



Figure 2: Rear panel showing the battery connector and output receptacles.

### 3.3 Connecting Equipment

Connect your electronic devices (e.g., computer, monitor, router) to the IEC-C13 outlets on the rear panel

of the UPS. These outlets provide both battery backup and surge protection. Ensure that the total power consumption of connected devices does not exceed the UPS's capacity (650 Watts).

### 3.4 Initial Charging

Plug the UPS power cord into a grounded wall outlet. Allow the UPS to charge for at least 8 hours before connecting any critical equipment or expecting full runtime. The battery will charge whether the UPS is turned on or off.

## 4. OPERATION

---

### 4.1 Powering On/Off

To turn on the UPS, press and hold the power button on the front panel until the LED indicator illuminates. To turn off the UPS, press and hold the power button again until the LED indicator turns off.



Figure 3: Front panel with power button and LED indicator.

### 4.2 LED Indicators

The front panel features an LED indicator that provides status information:

- **Solid Green:** The UPS is on and providing power from the utility.
- **Flashing Green:** The UPS is operating on battery power.
- **Other patterns/colors:** Refer to the full user manual for detailed error codes and warnings.

### 4.3 Automatic Voltage Regulation (AVR)

The UPS is equipped with Automatic Voltage Regulation (AVR) technology. This feature automatically corrects minor voltage fluctuations (sags and surges) without switching to battery power, thus preserving battery life and providing stable power to your connected devices.

### 4.4 Battery Backup Operation

During a power outage, the UPS will automatically switch to battery power, providing continuous power to

connected devices. An audible alarm will sound, and the LED indicator will flash green. The duration of battery backup depends on the load connected. When utility power returns, the UPS will automatically switch back to utility power and recharge its battery.

## 5. MAINTENANCE

---

### 5.1 Battery Replacement

The UPS uses a sealed lead-acid battery. The battery is not user-replaceable. Contact APC customer support or a qualified service technician for battery replacement. Always replace the battery with an APC-approved battery to ensure safety and optimal performance.

### 5.2 Cleaning

Clean the exterior of the UPS with a soft, dry cloth. Do not use liquid or aerosol cleaners. Ensure the ventilation openings are free from dust and debris to prevent overheating.

### 5.3 Storage

If storing the UPS for an extended period, ensure the battery is fully charged. Store the UPS in a cool, dry location with the battery disconnected. Recharge the battery every three months to prevent permanent damage.

## 6. TROUBLESHOOTING

---

This section provides solutions to common issues you might encounter with your UPS. For more complex problems, refer to the comprehensive user manual or contact customer support.

| Problem                       | Possible Cause   | Solution  |
|-------------------------------|--|---|
| UPS does not turn on          | Battery not connected or discharged; No utility power. | Ensure battery is connected; Check power cord connection and wall outlet. |
| No power to connected devices | UPS is off; Overload condition; Battery discharged.    | Turn on UPS; Reduce load; Allow battery to charge.                        |
| UPS emits continuous alarm    | Overload condition; Battery fault.                     | Reduce load; Contact support for battery check.                           |

## 7. TECHNICAL SPECIFICATIONS

---

| Feature             | Specification      |
|---------------------|--------------------|
| Model Number        | BVX1200LI          |
| Capacity (VA/Watts) | 1200 VA / 650 Watt |
| Input Voltage       | 230 Volt (AC)      |
| Output Voltage      | 230 Volt (AC)      |
| Frequency           | 50 Hz              |

| Feature                     | Specification         |
|-----------------------------|-----------------------|
| Number of Outlets           | 6 (IEC-C13)           |
| Battery Type                | Sealed Lead-Acid      |
| Battery Charge Time         | 30 minutes            |
| Typical Runtime (Full Load) | 30 minutes            |
| Dimensions (D x W x H)      | 39 cm x 14 cm x 19 cm |
| Weight                      | 2.5 Kilograms         |
| Housing Material            | Metal                 |
| Country of Origin           | China                 |

## Runtime Graph

### APC Easy UPS BVX 1200VA, 230V, AVR, IEC Sockets (BVX1200LI)

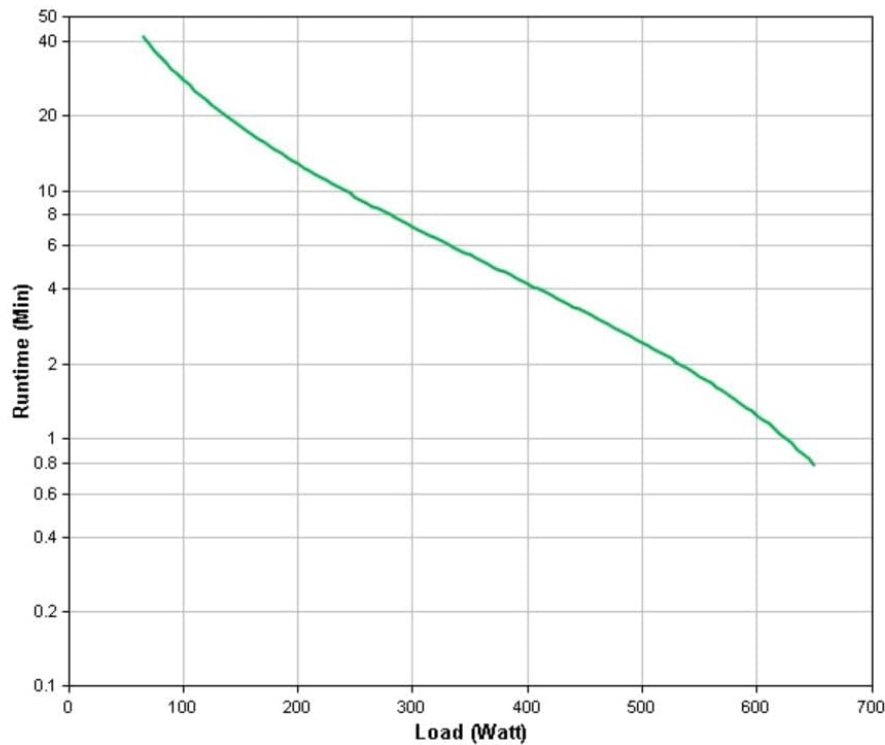


Figure 4: Runtime graph illustrating battery duration versus connected load.

## 8. WARRANTY INFORMATION

The APC Easy UPS BVX1200LI comes with a **2-year product warranty** from the date of purchase. This warranty covers defects in materials and workmanship under normal use.

To obtain service under warranty, you may be required to provide proof of purchase. Please retain your purchase receipt. The warranty does not cover damage caused by accident, misuse, abuse, or external causes such as power surges not protected by the UPS, or unauthorized service.

## 9. CUSTOMER SUPPORT

If you have any questions, require technical assistance, or need to report an issue with your APC Easy UPS BVX1200LI, please contact APC customer support. You can typically find contact information on the official APC website or within the packaging materials.

Before contacting support, please have your model number (BVX1200LI) and serial number ready. The serial number is usually located on a label on the back or bottom of the UPS unit.