

# Advanced Power Protection

APC Back-UPS BX Series 750VA – 1600VA



**APC™ Back-UPS™ BX series** is a cost effective power protection solution for home and home office environments. The series comprehensive VA range with premium features further enables single UPS capabilities

Ideal Power Protection for the following environments and devices:



## Home Office

Work from home & remote learning devices

- Modem / Router
- PC Desktop Computer
- PC Monitor
- Network-attached Storage



## Home Entertainment

Living room essentials

- Modem / Router
- TV Box
- Television
- Music Speaker



## Smart Home

IoT electronics

- Modem / Router
- Smart Speaker
- Home Security / Surveillance Camera

[www.apc.com](http://www.apc.com)

Life Is On 

**APC**  
by Schneider Electric

## Protect your devices from power surges and outages

 *How does a UPS protect my uptime?*

### Power Surge Protection



Stabilizes the main electrical line voltage to your devices

### Refined Power Supply



Protects computer and connected devices from dips and spikes caused by lightning

### Instant Power



Instant power to your equipment the exact moment the power goes out

## Battery backup is key to home continuity



The electronic devices you rely on for communication, security and entertainment depend on a stable network connection,

***Ensure reliable uptime and clean power for your critical devices.***

### Comprehensive Power Capacity Range



Models ranging from 750VA-1600VA; choose a solution aligned with your specific application and runtime needs

### Visibility and Manageability Software



In the event of an extended power outage, prevent potential data loss or corruption with PowerChute Personal Edition Software

### Form Factor:

Compact for office and business spaces (BX750MI-AZ: 160 x 120 x 355 mm).

### Outlets

3-4 battery backup with surge protection outlets

### Functional ease-of-use

Front panel LED green lights to easily tell the functional status

### 1Gb Network Protection

Safeguards your equipment and valuable files from “back door” surges traveling along data lines without sacrificing internet speed

### Automatic Voltage Regulation (AVR)

Instantly corrects incoming utility power without utilizing the battery, saving the battery for when it is needed most

Life Is  On

**APC**<sup>™</sup>  
by Schneider Electric

# APC Back-UPS technical specifications

## BX Series



	BX750MI-AZ	BX950MI-AZ	BX1200MI-AZ	BX1600MI-AZ
<b>Output</b>				
Power Rating	750VA/410W	950VA/520W	1200VA/650W	1600VA900W
Nominal Output Voltage	230V			
Output Voltage (On Battery)	230+/-10%@ 100% load			
Output Frequency (Hz)	50/60HZ +/-0.5Hz			
Topology	Line Interactive			
Waveform Type	Stepped approximation to a sinewave			
Output Connections (Battery Backup)	3 Australian Outlets	4 Australian Outlets	4 Australian Outlets	4 Australian Outlets
<b>Input</b>				
Nominal Input Voltage	230V			
Input Connections	Australia AS/NZS 3112			
Input Cord	1.2 m			
Input Frequency	50/60 +/-5Hz			
USB Charging	No			
<b>Batteries &amp; runtime</b>				
Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte :			
Typical Backup Time at ½ Load	8.5 min	6.5 min	5 min	6.5 min
Typical Backup Time at Full Load	1 min	1 min	1 min	1 min
Typical Recharge Time	6 hours	6-8 hours	8 hours	8 hours
<b>Communications &amp; Management</b>				
LED Indicators	Visual LED indicators			
Data Line Protection	RJ 45 Gigabit			
Interface Ports	273			
Software	PowerChute Personal Edition			
<b>Physical</b>				
Dimensions (HxWxD) mm	160 x 120 x 355		190 x 140 x 390	
Weight (kg)	5.4	6.1	7.6	10.3
<b>Environmental</b>				
Operating Environment	0 - 40 °C			
Operating Relative Humidity	0 - 95 %			
Operating Elevation	0-3000 meters			
Storage Temperature	15 - 40 °C			
Storage Relative Humidity	0-95%			
<b>Conformance</b>				
Approvals	CB Meet EN62040-1 / CE / IEC-62040-1 / IEC-62040-2			
Standard warranty	2 years repair or replace			
RoHS Compliant	Yes			

Life Is On

**APC**  
by Schneider Electric



# APC Back-UPS 750VA, 230V, AVR, Australian Sockets

## BX750MI-AZ

Call for More Information 0800 652 999

- Includes: User manual

### Output

Output power capacity	410 Watts / 750VA
Max Configurable Power (Watts)	410 Watts / 750VA
Nominal Output Voltage	230V
Output Frequency (sync to mains)	50/60 Hz +/- 1 Hz Sync to mains
Topology	Line interactive
Waveform type	Stepped approximation to a sinewave
Output Connections	(3) Australian
Transfer Time	6 ms typical : 10 ms maximum

### Input

Nominal Input Voltage	230V
Input frequency	50/60 Hz +/- 5 Hz Auto-sensing
Input Connections	IEC 60320 C14
Cord Length	1.2meters
Input voltage range for main operations	140 - 300V
Number of Power Cords	1
Input Power Factor at Full Load	0.63

### Batteries & Runtime

Battery type	Lead-acid battery
Typical recharge time	8hour(s)
Expected Battery Life (years)	1 - 2

Disclaimer: Documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user's applications.

## Technical Specifications

Batteries & Runtime	
Battery Volt-Amp-Hour Capacity	108
Runtime	<a href="#">View Runtime Graph (Available in Technical Tab on site)</a> <a href="#">View Runtime Chart (Available in Technical Tab on site)</a>
Efficiency	<a href="#">View Efficiency Graph (Available in Technical Tab on site)</a>

Communications & Management	
Control panel	LED Status display with on line : on battery
Audible Alarm	Alarm when on battery : distinctive low battery alarm

Surge Protection and Filtering	
Surge energy rating	273Joules
Data Line Protection	RJ45 10/100/1000 Base-T Ethernet protection

Physical	
Maximum Height	160MM, 16.0CM
Maximum Width	120MM, 12.0CM
Maximum Depth	355MM, 35.5CM
Net Weight	5.4KG
Shipping weight	5.9KG
Shipping Height	250MM, 25.0CM
Shipping Width	197MM, 19.7CM
Shipping Depth	430MM, 43.0CM
Color	Black
SCC Codes	10731304410741

Environmental	
Operating Temperature	0 - 40 °C
Operating Relative Humidity	0 - 95 (Non-condensing) %
Operating Elevation	0 - 3000meters
Storage Temperature	-15 - 40 °C
Storage Elevation	0 - 3000meters

Disclaimer: Documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user's applications.

## Technical Specifications

Environmental	
Audible noise at 1 meter from surface of unit	40.0dBA
Protection Class	IP20

  

Conformance	
Approvals	CE, EN/IEC 62040-1, EN/IEC 62040-2
Equipment protection policy	Lifetime : 50000 euros
Standard warranty	2 years repair or replace

**Disclaimer:** Documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user's applications.