



# Back-UPS BVX

Uninterrupted Power Protection

Perfect for home, small and medium business

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**Schneider**  
Electric

# Introducing APC Back-UPS BVX Series

APC™ Back-UPS™ BVX Line Interactive series are quality products providing power protection and backup solutions for our home, small and medium business customers in inconsistent power conditions.

With the new Plug and Play APC BVX series, your electronic and essential devices that you rely on for communication, security and entertainment will have a stable network connection, reliable uptime, clean power, and protection from unstable power conditions.

## How does a BVX help protect your uptime?

### Instant power

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

### Surge protection

Stabilizes the main electrical line voltage and helps protect your devices from lightning, surges and spikes

### Refined power supply

Helps protect computer and connected devices from dips and spikes caused by lightning



Ideal for your home, small and medium business environment devices



Home Entertainment



Computer



Gaming Console



VoIP



Point of Sale



Video Camera



Projector



Light Modem/Router/WiFi

# APC Back-UPS BVX 600/700/1200 -BR Key Features

## Battery backup and surge protected outlets

Avoids loss or corruption of files due to surges and other electrical disturbances

## Provides battery backup power

Keeps your valuable devices running during power outages or fluctuations beyond the expected levels

## LED status display

Quickly understand the UPS and power status with visual indicators

## Automatic Voltage Regulation

Instantly corrects voltage fluctuations caused by brownouts and over-voltage without draining the battery

## Auto-start function

Enables automatic restart of UPS when the mains recover after a complete battery discharge

## Audible alarms

Provides alarm notification of changing utility power and UPS power conditions

## Support Bivolt range<sup>1</sup>

Auto-detect 115 V and 220 V inputs

## Automatic self-test

Periodic battery self-test ensures early detection of a battery that needs to be replaced

## Circuit breaker

Trips and helps protect the UPS when it experiences an overload condition

## Runtime Chart

How much runtime<sup>2</sup> will this Back-UPS provide?

Applications	Watt Load	BVX600I-BR	BVX600-BR/ BVX600BI-BR	BVX700I-BR	BVX700-BR/ BVX700BI-BR
Entry-level desktop with 20" LED monitor + Internet modem and router	40 Watts	46 minutes	54 minutes	49 minutes	57 minutes
Notebook computer + Network gateway + Internet modem and router	79 Watts	23 minutes	26 minutes	25.7 minutes	28 minutes
Mid-range PC with 20" LED + Notebook + Network gateway + Internet modem and router	119 Watts	13.2 minutes	15.5 minutes	15.8 minutes	17 minutes
High performance PC with 24" LED monitor, External powered speakers + Internet modem and router	240 Watts	4 minutes	4.6 minutes	5.1 minutes	5.3 minutes

Applications	Watt Load	BVX1200I-BR	BVX1200BI-BR	BVX1200-BR
Entry-level desktop with 20" LED monitor + Internet modem and router	79 Watts	50 minutes	55 minutes	58 minutes
Notebook computer + Network gateway + Internet modem and router	119 Watts	31 minutes	35 minutes	35 minutes
Mid-range PC with 20" LED + Notebook + Network gateway + Internet modem and router	240 Watts	13 minutes	14 minutes	14 minutes
High performance PC with 24" LED monitor, External powered speakers + Internet modem and router	335 Watts	8 minutes	8.5 minutes	8.5 minutes

<sup>1</sup> Only BVX600BI-BR, BVX700BI-BR, and BVX1200BI-BR models

<sup>2</sup> Runtime and UPS power will vary according to device(s), usage, and power settings

# Back-UPS BVX Series

Stay connected to what matters most

## Technical specifications

Commercial Reference	BVX600BI-BR		BVX600-BR	BVX600I-BR
General	Bivolt		Monovolt	
Output				
Topology	Line Interactive			
Output power capacity	600 VA/360 W <sup>1</sup>			
Nominal output voltage	115 Vac			220 Vac
Power factor	0.6(115 Vac input), 0.5(220 Vac input)		0.6	
Output frequency range	57 to 63 Hz +/- 1%			
AC voltage regulation (on battery)	+/- 6% at full load			
Waveform type	Stepped sine wave			
Output connections	(4) NBR14136:2002 battery backup and surge outlets			
Input				
Nominal input voltage	115 Vac/220 Vac (Automatic selection)		115 Vac	220 Vac
Input frequency range	57 to 63 Hz			
Input connection	NBR14136:2002, 10 A cable with 10 A plug			
Input cord	1.1 m cord (+/- 5%), straight plug end with NBR 14.136			
Batteries and Runtime				
Battery type	Sealed lead-acid battery, 12 Vdc 7 Ah, 1 number			
Runtime (Full load/Half load)	1 min/6 min			
Transfer time	Typical: 8 msec, Maximum: 10 msec			
Typical recharge time	6 hours recover to 90% capacity			
Management				
LED	Green: Online mode, Yellow: Battery mode, Red: Alert status			
Audible alarm	Yes, with user disabling capability			
Circuit breaker	Resettable Circuit breaker 8 A			Resettable Circuit breaker 4 A
Battery connectro	Yes			
Surge energy rating	224 J			
Physical				
Net dimensions W x D x H	4.33 in. x 12.01 in. x 5.51 in. (110 mm x 305 mm x 140 mm)			
Net weight	13.23 lb (6.00 Kg)		11.46 lb (5.20 Kg)	
Mechanical enclosure	FR ABS+V0 Plastic for front and rear panel			
Color	Black			
Environmental				
Operating temperature	32 to 104 °F (0 to 40 °C)			
Operating relative humidity	0 to 95%, non-condensing			
Operating elevation	0 to 3280 ft (0 to 1,000 m): Normal operation 3280 to 9842 ft (1,000 to 3,000 m): Output power reduces @ 1% for every 328 ft/100 m increase in height			
Storage temperature	5 to 113 °F (-15 to 45 °C)			
Storage relative humidity	0 to 95%, non-condensing			
Storage elevation	0 to 9842 ft (0 to 3,000 m)			
Audible noise	≤ 45.0 dBA at 1 m from surgace of unit			
Conformance				
Regulatory approvals	Certified Outlet with Brazil Standard/Compliance Battery/CONAMA 401			
Industrial protection code	IP20			
Standard warranty	2 years for UPS and 1 year for battery			

<sup>1</sup> For BVX600BI-BR: Below 220 Vac, the thermal protection in the UPS will get activated if the rating of the connected equipment exceeds 300 VA or 300 W.



# Back-UPS BVX Series

Help protect your devices from power surges and outages

## Technical specifications

Commercial Reference	BVX700BI-BR		BVX700-BR	BVX700I-BR
General	Bivolt		Monovolt	
Output				
Topology	Line Interactive			
Output power capacity	700 VA/420 W <sup>1</sup>			
Nominal output voltage	115 Vac			220 Vac
Power factor	0.6(115 Vac input), 0.5(220 Vac input)	0.6		
Output frequency range	57 to 63 Hz +/- 1%			
AC voltage regulation (on battery)	+/- 6% at full load			
Waveform type	Stepped Sine Wave			
Output connections	(4) NBR14136:2002 battery backup and surge outlets			
Input				
Nominal input voltage	115 Vac/220 Vac (Automatic selection)	115 Vac		220 Vac
Input frequency range	57 to 63 Hz			
Input connection	NBR14136:2002, 10 A cable with 10 A plug			
Input cord	1.1 m cord (+/- 5%), straight plug end with NBR 14.136			
Batteries and Runtime				
Battery type	Sealed lead-acid battery, 12 Vdc 7 Ah, 1 number			
Runtime (Full load/Half load)	0.75 min/4 min			
Transfer time	Typical: 8 msec, Maximum: 10 msec			
Typical recharge time	6 hours recover to 90% capacity			
Management				
LED	Green: Online mode, Yellow: Battery mode, Red: Alert status			
Audible alarm	Yes, with user disabling capability			
Circuit breaker	Resettable Circuit breaker 10 A			Resettable Circuit breaker 4 A
Battery connector	Yes			
Surge energy rating	224 J			
Physical				
Net dimensions W x D x H	4.33 in. x 12.01 in. x 5.51 in. (110 mm x 305 mm x 140 mm)			
Net weight	13.45 lb (6.10 Kg)	11.68 lb (5.30 Kg)		
Mechanical enclosure	FR ABS+V0 Plastic for front and rear panel			
Color	Black			
Environmental				
Operating temperature	32 to 104 °F (0 to 40 °C)			
Operating relative humidity	0 to 95%, non-condensing			
Operating elevation	0 to 3280 ft (0 to 1,000 m): Normal operation 3280 to 9842 ft (1,000 to 3,000 m): Output power reduces @ 1% for every 328 ft/100 m increase in height			
Storage temperature	5 to 113 °F (-15 to 45 °C)			
Storage relative humidity	0 to 95%, non-condensing			
Storage elevation	0 to 9842 ft (0 to 3,000 m)			
Audible noise	≤ 45.0 dBA at 1 m from surface of unit			
Conformance				
Regulatory approvals	Certified Outlet with Brazil Standard/Compliance Battery/CONAMA 401			
Industrial protection code	IP20			
Standard warranty	2 years for UPS and 1 year for battery			

<sup>1</sup> For BVX700BI-BR: Below 220 Vac, the thermal protection in the UPS will get activated if the rating of the connected equipment exceeds 350 VA or 350 W.

# Back-UPS BVX Series

Plug & Play Back-UPS for reliable uptime and clean power

## Technical specifications

Commercial Reference	BVX1200BI-BR		BVX1200-BR	BVX1200I-BR
General	Bivolt		Monovolt	
Output				
Topology	Line Interactive			
Output power capacity	1200 VA/720 W <sup>1</sup>			
Nominal output voltage	115 Vac			220 Vac
Power factor	0.6			
Output frequency range	57 to 63 Hz +/- 1%			
AC voltage regulation (on battery)	+/- 6% at full load			
Waveform type	Stepped sine wave			
Output connections	(6) NBR14136: 2002 battery backup and surge outlets			
Input				
Nominal input voltage	115 Vac/220 Vac (Automatic selection)	115 Vac		220 Vac
Input frequency range	57 to 63 Hz			
Input connection	NBR14136:2002, 10 A cable with 10 A plug			
Input cord	1.1 m cord (+/- 5%), straight plug end with NBR 14136			
Batteries and Runtime				
Battery type	Sealed lead-acid battery, 12 Vdc 7 Ah, 2 numbers			
Runtime (Full load/Half load)	1 min/6 min			
Transfer time	Typical: 8 ms, Maximum: 10 ms			
Typical recharge time	6 hours recover to 90% capacity			
Management				
LED	Green: Online mode, Yellow: Battery mode, Red: Alert status			
Audible alarm	Yes, with user disabling capability			
Circuit breaker	Resettable Circuit breaker 15 A			Resettable Circuit breaker 8 A
Battery connector	Yes			
Surge energy rating	224 J			
Physical				
Net dimensions W x D x H	4.92 in. x 14.96 in. x 8.86 in. (125 mm x 380 mm x 225 mm)			
Net weight	25.46 lb (11.55 Kg)	22.60 lb (10.25 Kg)		22.60 lb (10.25 Kg)
Mechanical enclosure	FR ABS+V0 Plastic for front panel and Metal for rear panel			
Color	Black			
Environmental				
Operating temperature	32 to 104 °F (0 to 40 °C)			
Operating relative humidity	0 to 95%, non-condensing			
Operating elevation	0 to 3280 ft (0 to 1,000 m): Normal operation 3280 to 9842 ft (1,000 to 3,000 m): Output power reduces @ 1% for every 328 ft/100 m increase in height			
Storage temperature	5 to 113 °F (-15 to 45 °C)			
Storage relative humidity	0 to 95%, non-condensing			
Storage elevation	0 to 9842 ft (0 to 3,000 m)			
Audible noise	≤ 45.0 dBA at 1 m from surface of unit			
Conformance				
Regulatory approvals	Certified Outlet with Brazil Standard/Compliance Battery/CONAMA 401			
Industrial protection code	IP20			
Standard warranty	2 years for UPS and 1 year for battery			

<sup>1</sup> For BVX1200BI-BR: Below 220 Vac, the thermal protection in the UPS will get activated if the rating of the connected equipment exceeds 600 VA or 600 W.

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Learn more today!

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