

Premium Power Protection

APC Back-UPS Pro

APC Back-UPS Pro provide battery backup and surge protection ideal for your home, home office or small business.

The new Back-UPS Pro models are equipped with premium features including increased runtime and power capability for your critical electronics.



Power and Protect

Battery backup & surge protector outlets

Keep valuable devices running when the power is outside of safe levels

Sinewave power output*

Ensures power quality without distortion or power drop during an outage. Ideal for advanced workstations, high end PCs, multimedia devices and home storage

2 USB charging ports (Type C + Type A)*

Fast charge mobile devices such as smartphones and tablets

AVR with boost and trim

Instantly corrects low/high voltage fluctuations and is Active Power Factor Correction (PFC) compatible

1Gb network protection

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

User replaceable batteries

Allows you to quickly replace batteries

LCD interface

Quick and easy to read, provides information about the utility and UPS conditions

Powerchute personal edition

Easy-to-use auto-shutdown software with power and energy management features

3-year warranty

Three-year limited warranty with a lifetime Equipment Protection Policy up to €150,000

Only available for the BR-SI units



Pro Tip:

If you work remote or own a small business and rely on technology to keep you connected, then we recommend the SI models to ensure uptime and productivity.



BR1600SI

Life Is On

APC
by Schneider Electric

Certainty in a Connected World

How much runtime will the Back-UPS Pro provide?

Connected Devices	Watt Load	BR650MI	BR900MI	BR1300MI	BR1600MI	BR1200SI	BR1600SI
Entry-level desktop PC with 20" monitor + internet modem and router	40 watts	64 mins	105 mins	141 mins	159 mins	124 mins	152 mins
iMac computer + NAS system + internet modem and router	119 watts	20 mins	34 mins	50 mins	57 mins	52 mins	67 mins
Gaming PC with 24" LCD monitor + external powered speakers + internet modem and router	240 watts	7 mins	14 mins	22 mins	26 mins	24 mins	32 mins
42" LCD television + sound bar + internet modem and router	335 watts	4 mins	8 mins	13 mins	17 mins	15 mins	21 mins



APC Back-UPS Pro technical specifications

Back-UPS Pro MI models



Product Specifications	BR650MI	BR900MI	BR1300MI	BR1600MI
Output				
Power Capacity	390W/650VA	540W/900VA	780W/1300VA	960W/1600VA
Output Voltage / Frequency (on utility)	196 to 264 Vac			
Out Voltage / Frequency (on battery)	230 V \pm 8%, 50/60 Hz \pm 1 Hz			
Output Connections (IEC)	6 battery backup with surge protection outlets (IEC)		8 total outlets: 6 battery backup with surge protection and 2 surge protection only (IEC)	
Waveform Type	Line Interactive/Stepped approx sinewave			
Power Factor	0.6			
Input				
Input Voltage / Frequency	230 V nominal, 50/60 Hz \pm 3 Hz			
Input Cord	6 ft cord, straight plug end with IEC outlet port			
Surge Protection				
Surge Energy Rating	557			
Dataline Surge Protection	1 Gb Dataline protection			
Overload Protection	On line: 10A circuit breaker, with overload warning capability On battery: internal current limit to overload alarm/shutdown			
Physical				
Unit Dimensions (HxWxD mm)	190x91x310		100x250x382	
Unit Weight	6.4 kg	7 kg	10.2 kg	10.9 kg
Shipping Dimensions (HxWxD mm)	255x440x143		330x485x225	
Shipping Weight	7.4 kg	8 kg	11.85 kg	11.65 kg
RBC	APCRBC110	APCRBC164	APCRBC165	APCRBC166
Runtime (full load)	3	3	4	4
Runtime (half load)	10.5	11.4	10.6	10.4
Color	Black			
Battery				
Battery Type	Lead acid			
Replacement Battery	Yes			
Management				
Alarms	On-battery, low battery warning, low battery shutdown, replace battery detected			
Shutdown Software	PCPE Software			
Conformance				
Certifications and Approvals	TDC lab: TUV GS, CB 60950 & 62040 Taiwan EMC lab: TelePermit Local Support: RCM, EAC, KETI, TISI			
Warranty and Equipment Protection	Three-year limited warranty with a lifetime Equipment Protection Policy up to €150,00			

Life Is On



APC Back-UPS Pro technical specifications

Back-UPS Pro SI models



Product Specifications	BR1200SI	BR1600SI
Output		
Power Capacity	720W/1200VA	960W/1600VA
Output Voltage / Frequency (on utility)	196 to 264 Vac	
Out Voltage / Frequency (on battery)	230 V \pm 8%, 50/60 Hz \pm 1 Hz	
Output Connections (IEC)	8 total outlets: 6 battery backup and surge protection, 2 surge protection only	
Waveform Type	Line Interactive/Sinewave	
Power Factor	0.6	
Input		
Input Voltage / Frequency	230 V nominal, 50/60 Hz \pm 3 Hz	
Input Cord	6 ft cord, straight plug end with IEC outlet port	
Surge Protection		
Surge Energy Rating	557	
Dataline Surge Protection	1 Gb Dataline protection	
Overload Protection	On line: 10A circuit breaker, with overload warning capability On battery: internal current limit to overload alarm/shutdown	
Physical		
Unit Dimensions (HxWxD mm)	368x100x260	
Unit Weight	11.7 kg	12.1 kg
Shipping Dimensions (HxWxD mm)	358.6x223x482	
Shipping Weight	13.35 kg	13.75 kg
RBC	APCRBC161	APCRBC163
Runtime (full load)	4	4
Runtime (half load)	14.2	22
Color	Black	
Battery		
Battery Type	Lead acid	
Replacement Battery	Yes	
Management		
Alarms	On-battery, low battery warning, low battery shutdown, replace battery detected	
Shutdown Software	PCPE Software	
Conformance		
Certifications and Approvals	TDC lab: TUV GS, CB 60950 & 62040 Taiwan EMC lab: TelePermit Local Support: RCM, EAC, KETI, TISI	
Warranty and Equipment Protection	Three-year limited warranty with a lifetime Equipment Protection Policy up to €150,00	



Back UPS Pro BR 650VA, 6 Outlets, AVR, LCD Interface

BR650MI

- Includes: USB cable, User manual

Output	
Output power capacity	390 Watts / 650VA
Max Configurable Power (Watts)	390 Watts / 650VA
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	(6) IEC 60320 C13
Transfer Time	10 ms typical : 12 ms maximum

Input	
Nominal Input Voltage	230V
Input frequency	50/60 Hz +/- 3 Hz Auto-sensing
Input Connections	IEC 60320 C14
Input voltage range for main operations	176 - 294V
Maximum Input Current	10.0A

Batteries & Runtime	
Battery type	Lead-acid battery
Typical recharge time	12hour(s)
Replacement Battery	APCRBC110
Expected Battery Life (years)	3 - 5

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

Back UPS Pro BR 650VA, 6 Outlets, AVR, LCD Interface | BR650MI | Downloaded on 12/08/2020 (EST)

Batteries & Runtime	
RBC Quantity	1
Battery Charge Power (Watts)	6 Watts
Runtime	View Runtime Graph (Available in Technical Tab on site) View Runtime Chart (Available in Technical Tab on site)

Communications & Management	
Interface Port(s)	USB
Control panel	Multifunction LCD status and control console
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering	
Data Line Protection	RJ45 network line - 10/100/1000 Base-T Ethernet
Filtering	Full time multi-pole noise filtering : 10% of IEEE surge let-through : zero clamping response time: instantaneous

Physical	
Maximum Height	190MM, 19.0CM
Maximum Width	91MM, 9.1CM
Maximum Depth	310MM, 31.0CM
Net Weight	6.4KG
Shipping weight	7.4KG
Shipping Height	255MM, 25.5CM
Shipping Width	440MM, 44.0CM
Shipping Depth	143MM, 14.3CM
Master Carton Dimensions (Length x Width x Height)	279 x 457 x 229MM
Master Carton Units	2.0
Master Carton Weight	15.65
SCC Codes	10731304346934

Environmental	
Operating Temperature	0 - 40 °C
Operating Relative Humidity	0 - 95 %

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Technical Specifications

Environmental	
Operating Elevation	0 - 3048meters
Storage Temperature	-15 - 45 °C
Storage Elevation	0 - 15240meters
Audible noise at 1 meter from surface of unit	45.0dBA
Online thermal dissipation	13.0BTU/hr

Conformance	
Approvals	A-Tick, C-Tick, CE, EAC, GS Mark, RCM, TISI
Equipment protection policy	Lifetime : 150000 euros, Lifetime : 200000 AUD, Lifetime : 75000 GBP
Standard warranty	2 years repair or replace, 3 years repair or replace for European Union countries

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