



# Next Generation

APC Back-UPS BK500/650 VA

APC Back-UPS offers guaranteed power and surge protection for wireless networks, computers, storage, smart phones and other electrics in your home or business.

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

Life Is On

**APC**  
by Schneider Electric

# APC Back-UPS BK Family

## 500/650 VA



### Feature & selling point

#### High Reliability

- Wider input voltage range: 160-278VAC
- Higher surge energy rating: 310 Joules
- More safety design with separate battery container

#### Easy Usage

- 4 Battery Backup Outlets with Surge Protection
- 2 Type A USB charging ports(only 650VA)
- Quick mute

#### Easy Maintenance

- Auto re-start when utility return
- Generator mode
- Detachable input power cable

#### More Intelligence\*

- APC PowerChute Personal Edition Shutdown
- NAS compatible

#### Global Standard

- Comply with CE,CB,EMC Class A standard
- Comply with ISTA standard

\*only available in 650VA

### How much runtime will the Back-UPS Pro provide?

Connected devices	Watt load	BK500M-CH	BK650M2-CH
Entry-level desktop with 20" monitor + internet modem and router	40 watts	33 minutes	48 minutes
Notebook computer + network gateway + internet modem and router	79 watts	19 minutes	25 minutes
Mid-range PC with 20" LED + notebook + network gateway + internet modem and router	119 watts	10.5 minutes	16 minutes
Gaming PC with 24" LED monitor + external powered speakers + internet modem and router	240 watts	3.5 minutes	7.5 minutes

\*Runtime and USB power will vary according to device(s), usage, and power settings.

# APC Back-UPS BK Family

## 500/650 VA

Products specification	BK500M-CH	BK650M2-CH
<b>Input</b>		
Input Voltage / Frequency	220VAC (default)/230VAC/240VAC Vac, 60Hz $\pm$ 3Hz	
Input Voltage Range	160VAC~278 VAC	
<b>Output</b>		
Output Capacity	500VA/300W	650VA/390W
Output Voltage / Frequency (On utility)	220/230/240 VAC $\pm$ 8 % (220VAC default)	
Output Voltage / Frequency (On battery)	115 Vac $\pm$ 8%, 60Hz +/- 1Hz	
Output Connections	4 battery backup & surge outlet	
Other Connectors	N/A	USB charging ports: Type A $\times$ 2 (5V, 2.4Ah); USB communication port: RJ50
Waveform Type	Stepped appx. Sinewave	
Transfer Time	6ms (typical), 10ms (maximum)	
<b>Surge Protection</b>		
Surge Energy Rating	310 Joules	
Data Line Surge Protection	RJ45	
<b>Physical</b>		
Unit Dimensions (H x W x D)	105x171x286mm	
Unit Weight	2.9kg	3.2 kg
Shipping Dimensions (H x W x D)	241x142x322mm	
Shipping Weight	3.2kg	3.5kg.
Color	Black	
<b>Battery</b>		
Battery Type	Sealed, lead-acid, maintenance-free	
Battery spec	12V/5Ah $\times$ 1	12V/27W $\times$ 1
Battery charge time	8 hrs	
<b>Management</b>		
Alarms	Visual (LCD display) and audible alarms	
Shutdown S/W	PowerChute Personal Edition (via USB interface)*only available in BK650M2-CH	
<b>Warranty</b>		
Standard Warranty Length	2 years	