

# Back-UPS 650VA

Part Number : BK650MC



## Product Overview

Description APC Back-UPS, 650VA/400W, Input 120V/ Output 120V, Interface Port DB-9 RS-232

General Features Addl Surge Protected Outlets, Audible Alarms, BlockSafe Outlets/Cord Extensions, Cold-start, Easy Overload Recovery, Hot Swap Batteries, Internet FAX - modem - DSL protection, Lightning and Surge Protection, Multipath Protection, Option Switches, Site wiring fault indicator, Software, User Replaceable batteries

Includes User Manual, Velcro Cord Management Straps, Basic UPS signalling RS-232 cable, CD with software


## Communications & Management

Interface port DB-9 RS-232


Control panel Output power on indicator LED

Audible alarm Alarm when on battery : distinctive low battery alarm : configurable delays

## Output

Output power capacity	650 VA	
Output power capacity	400 Watts	
Nominal output voltage	120 V	
Waveform type	Stepped approximation to a sinewave	
Output Connections	(3)NEMA 5-15R (3)NEMA 5-15R (Surge)	

## Input

Nominal input voltage	120 V	
Input frequency	60 Hz +/- 3 Hz	
Input Connection Type	NEMA 5-15P	
Cord Length	6 feet	
Input voltage range for main operations	103 -150 V	
Input voltage adjustable range for main operations	88 -150 V	

## Surge Protection and Filtering

Surge energy rating	320 joules
Filtering	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449
Dataline protection	RJ-11 Modem/Fax/DSL protection (two wire single line)

## Runtime

Typical backup time at half load	20.5 minutes (200 Watts)
Typical backup time at full load	6.6 minutes (400 Watts)
Runtime Chart	Back-UPS

## Batteries

Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time **	11 hour(s)
Replacement cartridge	battery (1) RBC4
Liquid Electrolyte Value	0.0

## Physical

Maximum height dimensions	6.60 inches ( 16.76 cm)
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Maximum width dimensions	4.70 inches ( 11.94 cm)
Maximum depth dimensions	14.20 inches ( 36.07 cm)
Net weight	23.80 lbs ( 10.82 kg)
Shipping Weight	27.00 lbs ( 12.27 kg)
Shipping Height	12.30 inches ( 31.24 cm)
Shipping Width	10.20 inches ( 25.91 cm)
Shipping Depth	19.80 inches ( 50.29 cm)
Color	Beige

## **Environmental**

Operating Environment	0 - 40 °C (32 - 104°F)
Operating Relative Humidity	0 - 95%
Operating Elevation	0-10000 feet (0-3000 m)
Storage Temperature	-15 - 45 °C (5 - 113°F)
Storage Relative Humidity	0 - 95%
Storage Elevation	
Audible noise at 1 meter from surface of unit	40 dBA
Online thermal dissipation	25 BTU/hr