



Back-UPS CS 650VA 230V

APC Back-UPS CS, 650VA/400W, Input 230V/Output 230V, Interface Port DB-9 RS-232, USB

Includes: CD with software, USB cable, User Manual

Part Number : **BK650EI**



The re-invention of the most relied upon desktop UPS in history: the Back-UPS!

The Back-UPS CS provides professional-grade power protection for office and home office systems. Battery powered & surge protected power outlets, built-in phone/fax/modem line (DSL compatible) protection, safe system shutdown software with sophisticated power management features and pro-active audio-visual status indicators ensure office systems and their valuable data are protected from dangerous power surges, spikes and blackouts. Serial or USB connectivity gives users more flexibility making installation quicker and easier. Easy access to a hot-swappable, user-replaceable battery also makes servicing the Back-UPS CS hassle-free. These features along with its classic styling make the Back-UPS CS a perfect choice for protecting your important office and home office systems.

Features & Benefits

Protection

Battery-protected and surge-only outlets	Reserves power capacity and run time for connected equipment that require battery back-up while providing surge only protection for less critical equipment
Dataline Surge Protection	Provides protection of connected equipment from power surges on the data lines.
Power conditioning	Protects connected loads from surges, spikes, lightning, and other power disturbances.
Safety-agency approved	Ensures product testing and approval to work safely with the connected loads and within the environment.

Convenience

Audible alarms	Provides notification of changing utility power and UPS conditions.
Automatic restart of loads after UPS shutdown	Automatically starts up the connected equipment upon the return of utility power.
Automatic self-test	Ensures early detection of potential problems by periodic testing of UPS components.
Battery replacement without tools	Provides reduced risk of load disruption by allowing quick and easy battery replacement.
LED status indicators	Quickly understand UPS status with indicators.
Hot-swappable batteries	Ensures clean, uninterrupted power to protected equipment throughout battery replacement.
Resettable circuit breakers	Enables quick recovery from UPS overload events.
Transformer-block spaced outlets	Protect equipment with input transformer blocks without blocking access to other receptacles.
User-replaceable batteries	Enables simple upgrades and replacement of the Batteries.

Manageability

Serial Connectivity	Provides management of the UPS via a serial port.
USB connectivity	Provides management of the UPS via USB port.

Technical Specifications

Output

Output power capacity	650 VA
Output power capacity	400 watts
Max Configurable Power	650 VA
Max Configurable Power	400 watts
Nominal output voltage	230V
Output Connections	

(1) IEC 320 C13 (Surge Protection)



(3) IEC 320 C13 (Battery Backup)



Input

Nominal input voltage	230V
Input frequency	50/60 Hz +/- 3 Hz (auto sensing) Hz
Input Connection Type	IEC-320 C14

Cord Length 6 feet (1.83 cm)

Input voltage range for main operations 1

Input voltage adjustable range for mains operation 1

Batteries & Runtime

Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Replacement battery cartridge	RBC17
RBC™ Quantity	1
Typical backup time at half load	11.4 minutes (200 Watts)
Typical backup time at full load	2.4 minutes (400 Watts)

Surge Protection and Filtering

Surge energy rating	320 Joules
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Communications & Management

Interface port DB-9 RS-232 , USB
Control panel LED status display with On
Line : On Battery : Replace Battery and Overload indicators
Audible alarm Alarm when on battery :
distinctive low battery alarm : overload continuous tone
alarm

Environmental

Operating Environment 0 - 40 °C (32 - 104 °F)
Operating Relative Humidity 5 - 95 %
Operating Elevation 0-30000 feet (0-9000
meters)
Storage Temperature -15 - 45 °C (5 - 113 °F)
Storage Relative Humidity 5 - 95 %
Storage Elevation 0-15000 feet (0-4500
meters)

Physical

Maximum height 7 inches (16.51 cm)
Maximum width 4 inches (9.14 cm)
Maximum depth 11 inches (28.45 cm)
Net weight 13 lbs. (6.03 kg)
Shipping Weight 16 lbs. (7.31 kg)
Shipping Height 19 inches (49.38 cm)
Shipping Width 7 inches (18.49 cm)
Shipping Depth 16 inches (41.50 cm)
Master Carton Units 1
Master Carton Weight 16 lbs.
Color Beige
SCC Codes 1073130421978 8

Conformance

Approvals A-tick , C-tick , CE , GOST ,
NEMKO , PCBC
Standard warranty 2 years repair or replace
Equipment protection policy Lifetime : 100000 Euro ,
Lifetime : 50000 GBP