



## APC BACK-UPS CS 650VA 230V ASEAN BK650-AS

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- Battery Backup & Surge Protector for Electronics and Computers
- Includes: CD with software, Documentation CD, Qty 1 - Detachable 1.2 m IEC power cord, Qty 1 - Detachable 1.8 m IEC power cord, Telephone Cable, USB cable, Warranty card

Output	
Output power capacity	400Watts / 650VA
Max Configurable Power (Watts)	400Watts / 650VA
Nominal Output Voltage	230V
Topology	Standby
Output Connections	(3) IEC 320 C13 (Battery Backup) (1) IEC 320 C13 (selector_surgetitle)

Input	
Nominal Input Voltage	230V
Input frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	IEC-320 C14
Cord Length	1.83meters
Input voltage range for main operations	180 - 260V
Input voltage adjustable range for mains operation	160 - 282V
Number of Power Cords	2

Batteries & Runtime	
Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	8hour(s)
Replacement Battery	<a href="#">RBC17</a>
Expected Battery Life (years)	4 - 6
RBC Quantity	1

**Disclaimer:** This 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 applications.

## Technical Specifications

APC BACK-UPS CS 650VA 230V ASEAN | BK650-AS | Downloaded on 03/27/2019 (EST)

### Batteries & Runtime

Runtime	View Runtime Graph (Available in Technical Tab on site) View Runtime Chart (Available in Technical Tab on site)
Efficiency	View Efficiency Graph (Available in Technical Tab on site)

### Communications & Management

Interface Port(s)	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

### Surge Protection and Filtering

Surge energy rating	320Joules
Data Line Protection	Analog phone line for phone/fax/modem/DSL (RJ-45 connector)

### Physical

Maximum Height	165MM, 16.5CM
Maximum Width	91MM, 9.1CM
Maximum Depth	284MM, 28.4CM
Net Weight	6.04KG
Shipping weight	7.32KG
Shipping Height	494MM, 49.4CM
Shipping Width	185MM, 18.5CM
Shipping Depth	415MM, 41.5CM
Color	Beige
Master Carton Units	1.0
Units per Pallet	48.0
SCC Codes	1073130422443 0

### Environmental

Operating Temperature	0 - 40 °C
Operating Relative Humidity	5 - 95 %
Operating Elevation	0-9000meters

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## Technical Specifications

Environmental	
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	5 - 95 %
Storage Elevation	0-4500meters
Audible noise at 1 meter from surface of unit	45.0dBA

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

Sustainable Offer Status	
PEP	Available in Documentation tab
EOLI	Available in Documentation tab

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