





APC BACK-UPS CS 650VA 230V ASEAN
Part Number: BK650-AS



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

Options:

- [Interface Connections](#)
- [Services](#)

General Features:

- Audible alarms
- Automatic restart of loads after UPS shutdown
- Automatic self-test
- Battery replacement without tools
- Battery-protected and surge-only outlets
- Dataline Surge Protection
- Hot-swappable batteries
- LED status indicators
- Power conditioning
- Resettable circuit breakers
- Safety-agency approved
- Serial Connectivity
- Transformer-block spaced outlets
- USB connectivity
- User-replaceable batteries

Input Connection Type	IEC-320 C14
Cord Length	6 feet (1.83 cm)
Input voltage range for main operations	180 - 260 V
Input voltage adjustable range for mains operation	160 - 282 V

[more details...](#)

Topology: Standby

[Batteries & Runtime](#)

Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
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)
Runtime Chart	Back-UPS CS

[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

[Surge Protection and Filtering](#)

Surge energy rating	320 Joules
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[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

[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)

[Conformance](#)

Approvals	A-tick , C-tick , CE , GOST , NEMKO , PCBC , VDE
Standard warranty	2 years repair or replace