

Technical Specifications

APC Back-UPS 500, 230V | BK500EI | Downloaded on 03/27/2019 (EST)



APC Back-UPS 500, 230V

BK500EI

Call for More Information 1800 585858

- 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 IEC Power Cord, Telephone Cable, USB cable, Warranty card

Output

Output power capacity	300Watts / 500VA
Max Configurable Power (Watts)	300Watts / 500VA
Nominal Output Voltage	230V
Output Frequency (sync to mains)	47 - 63 Hz
Output Frequency (not synced)	50/60 Hz +/-1 Hz
Topology	Standby
Waveform type	Stepped approximation to a sinewave
Output Connections	(1) IEC 320 C13 (selector_surgetitle) (2) IEC Jumpers (selector_surgetitle) (3) IEC 320 C13 (Battery Backup)
Transfer Time	6ms typical : 10ms maximum

Input

Nominal Input Voltage	230V
Input frequency	47 - 63 Hz, 50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	IEC-320-C14 inlet
Input voltage range for main operations	180 - 266V
Input voltage adjustable range for mains operation	160 - 300V
Number of Power Cords	2

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Input

Maximum Input Current	7.0A
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Batteries & Runtime

Battery type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	8hour(s)
Replacement Battery	RBC2 
Expected Battery Life (years)	4 - 6
RBC Quantity	1
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)	Optional Simple Signalling RS232 cable, 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	310Joules
Data Line Protection	Analog phone line for phone/fax/modem/DSL (RJ-45 connector)
Filtering	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449

Physical

Maximum Height	165MM, 16.5CM
Maximum Width	91MM, 9.1CM
Maximum Depth	284MM, 28.4CM
Net Weight	6.32KG
Shipping weight	7.05KG
Shipping Height	178MM, 17.8CM
Shipping Width	241MM, 24.1CM

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Physical

Shipping Depth	368MM, 36.8CM
Color	Beige
Master Carton Units	1.0
Units per Pallet	48.0
SCC Codes	107 31304 01635 6

Environmental

Operating Temperature	0 - 40 °C
Operating Relative Humidity	0 - 95 %
Operating Elevation	0-3000meters
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	0 - 95 %
Storage Elevation	0-15000meters
Audible noise at 1 meter from surface of unit	40.0dBA
Online thermal dissipation	24.0BTU/hr

Conformance

Approvals	C-tick, CE, EN 50091-1, EN 50091-2, GOST, VDE
Equipment protection policy	Lifetime : 100000 Euro, Lifetime : 50000 GBP
Standard warranty	2 years repair or replace

Sustainable Offer Status

RoHS	Compliant
REACH	REACH: Contains No SVHCs
PEP	Available in Documentation tab
EOL	Available in Documentation tab

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