Product data sheet Characteristics

BK500EI APC Back-UPS 500, 230V





Overview

Load time	Usually in Stock
Lead time	USUAIIV III SIOCK
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General

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Overview		
Lead time	Usually in Stock	
General		
Provided equipment	CD with software Documentation CD 1 x detachable IEC power cord 1 x detachable 1.2 m IEC power cord Telephone cable USB cable	
	Warranty card	
Max runtime	45 min	
Performance multiplier	1	
Number of tare power	14 W	
Number of power module free slots	0	
Number of power module filled slots	0	
Redundant	No	
Size UPS version	Internetworking Workstation	
UPS size	WS	
Value multiplier	1	
Physical		
Colour	Beige	
Depth	28.4 cm	
Height	16.5 cm	
Mounting location	Front	
Mounting preference	No preference	
Net weight	6.32 kg	
Mounting mode	Not rack-mountable	

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Two post mountable	0	
USB compatible	No	
Width	9.1 cm	

Input

Network frequency	4763 Hz 50/60 Hz +/- 3 Hz auto-sensing
Plug standard	IEC 60320 C14
Input voltage limits	160300 V adjustable 180266 V
Maximum input current	7 A
Switching current capacity	7 A
Number of cables	2
Input voltage	230 V

Output

Output	
Rated power in W	300 W
Maximum configurable power in W	300 W
Output frequency	4763 Hz sync to mains 50/60 Hz +/- 1 Hz unsynchronised
UPS type	Standby
Wave type	Stepped approximation to a sinewave
Nb of power socket outlets	3 IEC 60320 C13 1 IEC 60320 C13 surge 2 IEC Jumpers surge
Curve equation	Efficiency
Curve fixed loss	0.0093
Curve load maximum	100 %
Curve load minimum	1 %
Curve proportional loss	0
Curve square loss	0.0012
Curve X-axis maximum	100 %
Curve test cond ID	Curve fit of data measured in accordance with the ENERGY STAR Test Method for Uninterruptible Power Supplies. All measurements taken in normal mode(s), at typical environmental conditions, with 230V/50Hz electrical input and balanced resistive load (PF = 1.0) output.
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Output voltage	230 V
Maximum configurable power in VA	500 VA
Rated power in VA	500 VA
Transfer time	6 ms typical : 10 ms maximum

Conformance

Product certifications	C-Tick CE GOST VDE	
Standards	EN 50091-1 EN 50091-2	

Equipment protection policy	Lifetime: 100000 euros Lifetime: 50000 GBP
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Environmental

Ambient air temperature for operation	040 °C
Relative humidity	095 %
Operating altitude	010000 ft
Ambient air temperature for storage	-1545 °C
Storage Relative Humidity	095 %
Storage altitude	0.0015240.00 m
Acoustic level	40 dBA
Heat dissipation	24 Btu/h
Show note OP temperature	No

Batteries & Runtime

Battery type	Lead-acid battery
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	8 h
Number of battery replacement quantity	1
Liquid value	0
Battery curve	В
Battery charger power	10 W rated
Battery power in VAH	83 VAh capacity 84 VAh runtime
Battery life	46 year(s)
Extended runtime	0

Communications & Management

Free slots	0
Control panel	LED status display with on line : on battery : replace battery and overload indicators
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering

Surge energy rate	310 J
Noise suppression	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449
Data line protection	RJ45 analog phone line for phone/fax/modem/DSL

Packing Units

Package 1 Weight	7.05 kg
Package 1 Height	17.8 cm
Package 1 width	24.1 cm
Package 1 Length	36.8 cm
SCC14	10731304016356
Number of Units in Package 2	1
Number of Units in Package 3	48

Offer Sustainability

Sustainable offer status	Green Premium product
REACh free of SVHC	Yes

EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration	
Mercury free	Yes	
RoHS exemption information	Yes	
Optimized Energy Efficiency	Energy efficient product	
Contractual warranty		
Warranty	2 years repair or replace	