

Back-UPS ES

APC Back-UPS ES 8 Outlet 450VA 120V



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APC's Back-UPS® ES series is now "greener" than ever. The ES 450 utilizes an ultra-efficient design that consumes less power during normal operation than any other battery backup in its class, saving you money on your electricity bill. It's also RoHS compliant, which means its manufacture and ultimate disposal is easier on the environment. Even the packaging has been carefully selected to minimize energy use in it's creation, and to maximize the use of recycled materials. Coupled with all the standard features of the Back-UPS ES series, the ES 450 is the best value for home and home office computers.

Includes: CD with software, USB cable, User Manual

Standard Lead Time: Usually in Stock

[🕒 Runtime Chart](#)

BE450G

[Add Options](#)

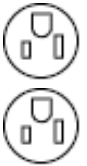
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Output

Output Power Capacity	257 Watts / 450 VA
Nominal Output Voltage	120V
Output Frequency (sync to mains)	60 Hz
Waveform Type	Stepped approximation to a sinewave
Output Connections	(4) NEMA 5-15R (Battery Backup)
	(4) NEMA 5-15R (Surge Protection)

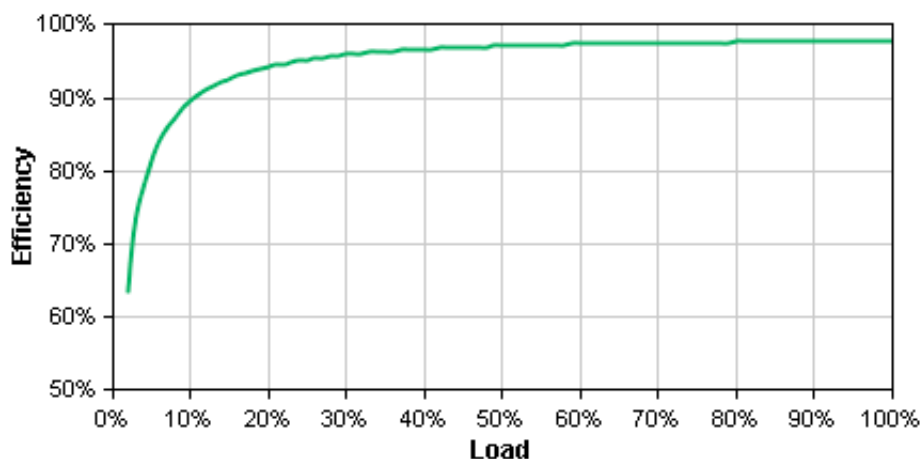


Input

Nominal Input Voltage	120V
Input Frequency	60 Hz +/- 1 Hz
Input Connections	NEMA 5-15P
Cord Length	1.52 meters
Input voltage range for main operations	88 - 139V



Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	24 hour(s)
RBC™ Quantity	1
Typical Backup Time at Half Load	9.4 minutes (128.5 Watts)
Typical Backup Time at Full Load	2.1 minutes (257 Watts)
Runtime Chart	Back-UPS ES



Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and resistive load output.

[View Enlarged Chart](#)

Audible Alarm

Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering

Surge energy rating	365 Joules
Filtering	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449
Data Line Protection	RJ-11 Modem/Fax/DSL protection (two wire single line)

Physical

Maximum Height	89.00 mm
Maximum Width	178.00 mm
Maximum Depth	305.00 mm
Net Weight	5.91 KG
Shipping Weight	6.50 KG
Shipping Height	140.00 mm
Shipping Width	241.00 mm
Shipping Depth	438.00 mm
Master Carton Units	2.00
Color	Black
SCC Codes	1073130425892 3

Environmental

Operating Environment	0 - 40 °C
Operating Relative Humidity	5%
Operating Elevation	0-3000 meters
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	5%
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	45.00 dBA
Online Thermal Dissipation	16.00 BTU/hr

Conformance

Regulatory Approvals	FCC Part 15 Class B,FCC Part 68,NOM,TUV,UL 1778,UL 497A,UL 497B
Standard Warranty	3 years repair or replace
Environmental Compliance	RoHS

**The time to recharge to 90% of full battery capacity following a discharge to shutdown using a load rated for 1/2 the full load rating of the UPS.

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