


# Product data sheet

Specifications

## APC Back-UPS ES 450VA, 120V, 8 outlets



BE450G-LM

 **Discontinued on:** Jun 14, 2022

 **Discontinued**

### Overview



Presentation	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.
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Lead Time	Usually in Stock
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### Main

Main Input Voltage	120 V
Main Output Voltage	120 V
Rated Power In W	257 W
Rated Power In Va	450 VA
Input Connection Type	NEMA 5-15P
Output Connection Type	4 NEMA 5-15R 4 NEMA 5-15R surge
Cable Length	1.52 m
Number Of Cables	1
Battery Type	Lead-acid battery
Provided Equipment	CD with software User manual USB cable

### Batteries & Runtime

Run Time	<a href="#">View Runtime Graph</a> 
Efficiency	<a href="#">View Efficiency Graph</a> 
Number Of Battery Filled Slots	0
Number Of Battery Free Slots	0
Battery Recharge Time	24 h
Number Of Battery Replacement Quantity	1
Battery Charger Power	2 W rated
Battery Power In Vah	60 VAh runtime
Battery Life	3...5 year(s)

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

Replacement Battery	<a href="#">APCRBC114</a> 
Battery Graph Comments	This graph is based on actual measured runtime data. All measurements were taken with new, fully charged batteries and a balanced resistive load (PF = 1.0). Actual runtimes may vary from the values of this graph. Actual runtimes are dependent on several v
Extended Runtime	0

## General

Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	No

## Physical

Colour	Black
Height	8.8 cm
Width	18 cm
Depth	30.2 cm
Net Weight	4.7 kg
Mounting Location	Front
Mounting Preference	No preference
Mounting Mode	Not rack-mountable
Two Post Mountable	0
Usb Compatible	Yes

## Input

Network Frequency	50/60 Hz +/- 3 Hz auto-sensing
Input Voltage Limits	88...139 V

## Output

Maximum Configurable Power In W	257 W
Output Frequency	47...63 Hz sync to mains
Ups Type	Standby
Wave Type	Stepped approximation to a sinewave
Maximum Configurable Power In Va	450 VA

## Conformance

Product Certifications	cUL listed NOM
Equipment Protection Policy	Lifetime : \$75000

## Environmental

Ambient Air Temperature For Operation	0...40 °C
Relative Humidity	5...95 %
Operating Altitude	0...10000 ft

Ambient Air Temperature For Storage	-15...45 °C
Storage Relative Humidity	5...95 %
Storage Altitude	0.00...15240.00 m
Acoustic Level	45 dBA
Heat Dissipation	16 Btu/h

## Communications & Management

Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Control Panel	LED status display with on line : on battery : replace battery and building wiring fault

## Surge Protection and Filtering

Surge Energy Rate	365 J
Noise Suppression	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449
Let Through Voltage Rating	330 V

## Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Scc14	10731304258930
Pallet Unit Layers	20
Pallet Layers	5

## Contractual warranty

Warranty	3 years repair or replace
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Sustainability

**Green Premium™ label** is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**Guide to assessing product sustainability** is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Energy Efficient   Take-back   Transparency   RoHS/REACH

Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   [Yes](#)

Certifications & Standards

Reach Regulation   [REACH Declaration](#)

Eu Rohs Directive   Compliant with Exemptions

Environmental Disclosure   [Product Environmental Profile](#)

Circularity Profile   [End of Life Information](#)