

# Product data sheet

Specifications



APC Back-UPS 450VA, 120V, 6 NEMA outlets (2 surge), Battery is not user replaceable

BN450M

## Overview

Lead time Usually in Stock

## Main

Main Input Voltage 120 V AC 1 phase

Input Connection Type NEMA 5-15P

Maximum Input Current per Phase 5 A

Switching current capacity 7 A

Efficiency at full load 88...139 V

Input Frequency 50/60 Hz +/- 3 Hz auto-sensing

Output voltage 120 V AC 1 phase

Rated power in W 255 W

rated power in VA 450 VA

output connection type 4 NEMA 5-15R  
2 NEMA 5-15R surge

USB Charging Port None

Maximum configurable power in VA 450 VA

Max Configurable Power (Watts) 255 W

Transfer Time 6ms typical : 10ms maximum

Topology Standby

Waveform Type Square wave

Output frequency 50/60 Hz +/- 3 Hz sync to mains

## Graphs

Run Time [View Runtime Graph](#)

Efficiency [View Efficiency Graph](#)

## Complementary

Battery Size Lead-acid internal included

Control panel LED Status display with On Line : On Battery

UPS connectivity None

Surge energy rating 180 J

Cable length 5 ft (1.5 m)

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Number of cables	1
color	Black
Height	5.5 in (140 mm)
Width	10.0 in (253 mm)
Depth	4.1 in (105 mm)
Product Weight	5.7 lb(US) (2.6 kg)
Mounting preference	No preference
Mounting Mode	Not rack-mountable
Two post mountable	0
USB compatible	No
Mounting mode	Tower
Provided equipment	User Manual
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Range of Product	Back-UPS
Product or Component Type	Uninterruptible power supply (UPS)

## Environment

Product Certifications	California (CEC) Battery Charger cTUVus
Ambient Air Temperature for Operation	32...104 °F (0...40 °C)
Ambient Air Temperature for Storage	-4...122 °F (-20...50 °C)
Storage altitude	0...5000 ft (0...1524 m)
Relative Humidity	0...95 %
Storage Relative Humidity	0...95 %
Operating altitude	0...3000 ft

## Batteries & Runtime

Battery Type	Lead-Acid battery
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 variables including battery age, battery charge level, environmental conditions and characteristics of the connected load.
Extendable Run Time	0
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	8 h
Battery Life	3...5 year(s)
Battery Charge Power (Watts)	6 W rated

## Ordering and shipping details

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<b>GTIN</b>	731304329374
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<b>Country of origin</b>	CN
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## Packing Units

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<b>Unit Type of Package 1</b>	PCE
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<b>Nbr. of units in pkg.</b>	1
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<b>Package 1 Height</b>	8.7 in (22 cm)
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<b>Package 1 Width</b>	5.5 in (14 cm)
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<b>Package 1 Length</b>	12.4 in (31.5 cm)
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<b>Package weight(Lbs)</b>	6.6 lb(US) (3 kg)
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<b>SCC14</b>	10731304329371
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## Contractual warranty

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<b>Warranty (in months)</b>	12 Battery 36 UPS
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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)



### Environmental footprint

Total lifecycle Carbon footprint	107 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	29 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.3 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	77 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	0.3 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

### Use Better



### Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	D7202d15-7cd4-470e-bd06-f47695f20bd8
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>
California proposition 65	<b>WARNING:</b> This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>



### Energy efficiency

Optimized Energy Efficiency	Energy efficient product
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### Use Longer



### Lifetime extension

Repair	No
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### Use Again



### Repack and remanufacture

Recyclability potential, in %	62
Circularity Profile	<a href="#">End of Life Information</a>
Removable battery	User replaceable

Take-back

Yes

WEEE Label



The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Technical Illustration

Dimensions

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Offer Marketing Illustration

Product benefits / Features

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Offer Marketing Illustration

Product benefits / Features

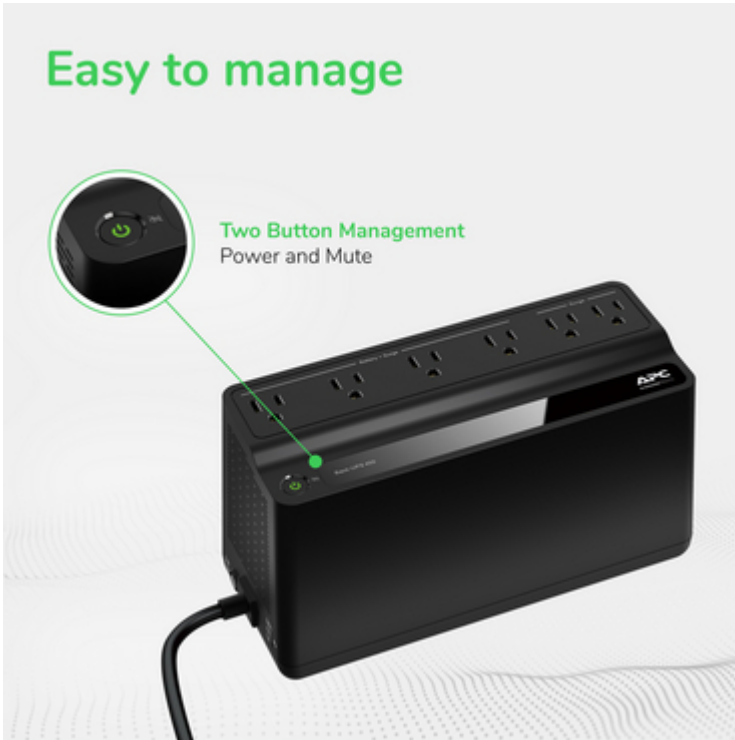
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Offer Marketing Illustration

Product benefits / Features

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Offer Marketing Illustration

Product benefits / Features

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Offer Marketing Illustration

Product benefits / Features

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**Power goes out. You stay connected to what matters.**

Enjoy uninterrupted internet connection for your entertainment, smart home and security devices.

Offer Marketing Illustration

Product benefits / Features

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**Robust battery to keep you on track**

Reliable runtime allows you to continue critical activities when the power is out.

Offer Marketing Illustration

Product benefits / Features

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The image is a marketing illustration for the APC Back-UPS BN450M. It features the Schneider Electric logo at the top left, followed by the APC logo. The product name 'APC Back-UPS' is written in a large green font. Below this, a black photograph of the UPS unit is shown from a three-quarter perspective. Underneath the product name, a short paragraph states: 'Reliable battery backup to keep you connected during prolonged power outages.' At the bottom of the illustration, there are five circular icons, each with a corresponding feature listed below it: a bar chart for '450VA/255W', a battery with a lightning bolt for 'Long battery runtime', a lightning bolt for 'Reliable surge protection', a power outlet symbol for '6 NEMA 5-15R outlets', and a leaf for 'Portable, lightweight design'.

Life Is On | Schneider Electric

**APC**

## APC Back-UPS

Reliable battery backup to keep you connected during prolonged power outages.

- 450VA/255W
- Long battery runtime
- Reliable surge protection
- 6 NEMA 5-15R outlets
- Portable, lightweight design

Image of product / Alternate images

Alternative

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