

# 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 (sync to mains)	50/60 Hz +/- 3 Hz sync to mains

## 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)
Number of cables	1
color	Black
Height	5.5 in (140 mm)
Width	10.0 in (253 mm)



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

Depth	4.1 in (105 mm)
Net 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

Run Time	<a href="#">View Runtime Graph</a> 
Efficiency	<a href="#">View Efficiency Graph</a> 
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

GTIN	731304329374
Country of origin	CN

# Packing Units

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

# Contractual warranty

Warranty (in months)	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.

Environmental Disclosure [Product Environmental Profile](#)

## Use Better



### Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number D7202d15-7cd4-470e-bd06-f47695f20bd8

REACH Regulation [REACH Declaration](#)

California proposition 65  
**WARNING:** 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 [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)



### Energy efficiency

Optimized Energy Efficiency Energy efficient product

## Use Longer



### Lifetime extension

Repair No

## Use Again



### Repack and remanufacture

Circularity Profile [End of Life Information](#)

Removable battery User replaceable

Take-back Yes

Technical Illustration

Dimensions

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Offer Marketing Illustration

Product benefits / Features

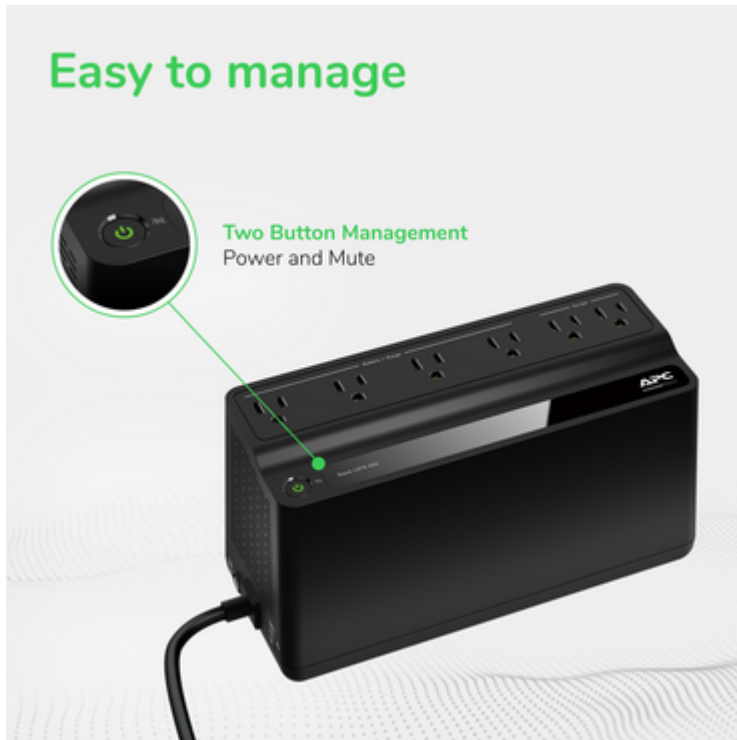
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Offer Marketing Illustration

Product benefits / Features

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Offer Marketing Illustration

Product benefits / Features

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**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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Offer Marketing Illustration

Product benefits / Features

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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

Offer Marketing Illustration

Product benefits / Features

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Image of product / Alternate images

Alternative

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