

# 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
Main Output Voltage	120 V
Kw Rating	255 W
Rated power in VA	450 VA
Product or Component Type	Uninterruptible power supply (UPS)
Input Connection Type	NEMA 5-15P
output connection type	4 NEMA 5-15R 2 NEMA 5-15R surge
Cable length	5 ft (1.5 m)
Number of cables	1
Battery Type	Lead-Acid battery
Provided equipment	User Manual
Range of Product	Back-UPS

## Batteries & Runtime

Run Time	<a href="#">View Runtime Graph</a>
Efficiency	<a href="#">View Efficiency Graph</a>
Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	8 h
Battery Charge Power (Watts)	6 W rated
Battery power in VAh	47 VAh runtime
Battery life	3...5 year(s)
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

## General

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

Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

## Physical

color	Black
Height	5.51 in (14 cm)
Width	9.96 in (25.3 cm)
Depth	4.13 in (10.5 cm)
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

## Input

Input Frequency	50/60 Hz +/- 3 Hz auto-sensing
Efficiency at full load	88...139 V
Maximum Input Current per Phase	5 A
Switching current capacity	7 A

## Output

Max Configurable Power (Watts)	255 W
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Topology	Standby
Waveform Type	Square wave
Graph start point	10
Maximum configurable power in VA	450 VA
Transfer Time	6ms typical : 10ms maximum

## Conformance

Product Certifications	California (CEC) Battery Charger cTUVus
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## Environmental

Ambient air temperature for operation	32...104 °F (0...40 °C)
Relative Humidity	0...95 %
Operating altitude	0...3000 ft
Ambient Air Temperature for Storage	-4...122 °F (-20...50 °C)
Storage Relative Humidity	0...95 %
Storage altitude	0...5000 ft (0.000000000...1524.000000000 m)

## Communications & Management

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control panel LED Status display with On Line : On Battery

## Surge Protection and Filtering

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Surge energy rating 180 J

## Ordering and shipping details

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GTIN 731304329374

Country of origin CN

## Packing Units

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Unit Type of Package 1 PCE

Number of Units in Package 1 1

Package 1 Height 8.66 in (22 cm)

Package 1 Width 5.51 in (14 cm)

Package 1 Length 12.40 in (31.5 cm)

Package 1 Weight 6.6 lb(US) (3 kg)

SCC14 10731304329371

## Contractual warranty

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Warranty 3 years repair or replace



## 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

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 Again

### Repack and remanufacture

Circularity Profile

[End of Life Information](#)

Removable battery

User replaceable

Take-back

Yes

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.

Image of product / Alternate images

Alternative

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