Product data sheet

Specifications

Green Premium™

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 (1.52 m)
Number Of Cables	1
Battery Type	Lead-Acid battery
Provided Equipment	User Manual

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
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

Number Of Power Module Free Slots	0

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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)
Net Weight	5.73 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 (Sync To Mains)	50/60 Hz +/- 3 Hz sync to mains
Topology	Standby
Wave 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
Equipment Protection Policy	Lifetime : $75000

Environmental

Ambient Air Temperature For Operation	32…104 °F (0…40 °C)
Relative Humidity	0…95 %
Operating Altitude	0...10000 ft
Ambient Air Temperature For Storage	-4…122 °F (-20…50 °C)
Storage Relative Humidity	0…95 %
Storage Altitude	0…50000 ft (0.00…15240.00 m)

Communications & Management

Control Panel	LED Status display with On Line : On Battery

Surge Protection and Filtering

Surge Energy Rating	180 J

Ordering and shipping details

Gtin	731304329374
Country Of Origin	CN

Packing Units

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	6.61 lb(US) (3 kg)
Scc14	10731304329371

Contractual warranty

Warranty	3 years repair or replace

Sustainability ![Green Premium™]

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_2 products.

Learn more about Green Premium ›

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

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