

Product data sheet

Specifications



APC Back-UPS 425VA, 120V, 6 NEMA outlets (2 surge), Battery not user replaceable

BE425M

Overview

Lead time Usually in Stock

Main

Main Input Voltage	120 V
Main Output Voltage	120 V
Rated power in W	255 W
Rated power in VA	425 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

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	8 h
Battery charger power	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 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	5.52 in (14.02 cm)
Width	9.98 in (25.35 cm)
Depth	4.1 in (10.5 cm)
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

Input

Network frequency	50/60 Hz +/- 3 Hz auto-sensing
Input voltage limits	88...139 V
Maximum input current	5 A
Switching current capacity	7 A

Output

Maximum configurable power in W	255 W
Output frequency	50/60 Hz +/- 3 Hz sync to mains
UPS type	Standby
Wave type	Square wave
Graph start point	10
Maximum configurable power in VA	425 VA
Transfer time	6 ms typical : 10 ms maximum

Conformance

Product certifications	California Energy Commission (CEC) cTUVus
Equipment protection policy	Lifetime : \$75000

Environmental

Ambient air temperature for operation	32.0000000000...104.0000000000 °F (0...40 °C)
Relative humidity	0...95 %
Operating altitude	0...10000 ft
Ambient air temperature for storage	-4.0000000000...122.0000000000 °F (-20...50 °C)
Storage Relative Humidity	0...95 %
Storage altitude	0...50000 ft (0.0000000000...15240.0000000000 m)
Acoustic level	40 dBA

Communications & Management

control panel LED Status display with on line : on battery

Surge Protection and Filtering

Surge energy rate 180 J

Packing Units

Unit Type of Package 1 PCE

Number of Units in Package 1 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 1 Weight 6.6 lb(US) (3 kg)

SCC14 10731304329340

Contractual warranty

Warranty 3 years repair or replace

Sustainability

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

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[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](#)
