

Product data sheet

Specifications



APC Back-UPS 650VA, 120V, 1 USB charging port, 7 NEMA outlets (2 surge), BSMI

BN650M1-TW

Overview

Lead Time	Usually in Stock
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Main

Main Input Voltage	120 V
Main Output Voltage	120 V
Rated Power In W	360 W
Rated Power In Va	650 VA
Input Connection Type	NEMA 5-15P
Output Connection Type	5 NEMA 5-15R 2 NEMA 5-15R surge
Cable Length	1.52 m
Battery Type	Lead-acid battery
Provided Equipment	User manual USB cable

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	10 h
Number Of Battery Replacement Quantity	1
Battery Charger Power	7 W rated
Battery Power In Vah	66 VAh capacity 66 VAh runtime
Battery Life	3...5 year(s)
Replacement Battery	APCRBC154
Extended Runtime	0

General

Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Redundant	No
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Physical

Colour	Black
Height	13.9 cm
Width	27.4 cm
Depth	10.5 cm
Net Weight	3.49 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	92...139 V

Output

Maximum Configurable Power In W	360 W
Output Frequency	50/60 Hz +/- 3 Hz sync to mains
Ups Type	Standby
Wave Type	Stepped approximation to a sinewave
Maximum Configurable Power In Va	650 VA
Transfer Time	6 ms typical : 10 ms maximum

Conformance

Product Certifications	BSMI
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Environmental

Ambient Air Temperature For Operation	0...40 °C
Relative Humidity	0...90 %
Operating Altitude	0...10000 ft
Ambient Air Temperature For Storage	-15...45 °C
Storage Relative Humidity	0...95 %
Storage Altitude	0.00...15240.00 m
Acoustic Level	35 dBA
Heat Dissipation	16 Btu/h

Communications & Management

Control Panel	LED status display with on line : on battery : replace battery and overload indicators
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering

Surge Energy Rate	490 J
Noise Suppression	Full time multi-pole noise filtering : 5% of IEEE surge let-through : zero clamping response time: instantaneous
Let Through Voltage Rating	5 V

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	19.6 cm
Package 1 Width	16.8 cm
Package 1 Length	36.3 cm
Package 1 Weight	3.81 kg
Scc14	10731304336546

Contractual warranty

Warranty	3 years repair or replace and 2 years for battery
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Sustainability

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-CO₂ products.

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

[Learn more about Green Premium >](#)

[Guide to assess a product's sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information