

Product data sheet

Specifications



APC Power-Saving Back-UPS Pro NS 1080VA

BN1080G

⚠ Discontinued on: Sep 28, 2021

⚠ End-of-service on: Nov 12, 2022

⚠ Discontinued




Overview

Lead Time Usually in Stock

Main

Main Input Voltage	120 V
Rated Power In W	650 W
Rated Power In Va	1080 VA
Output Connection Type	4 NEMA 5-15R 4 NEMA 5-15R surge
Cable Length	1.83 m
Number Of Cables	1
Battery Type	Lead-acid battery

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	16 h
Number Of Battery Replacement Quantity	1
Battery Charger Power	10 W rated
Battery Life	3...5 year(s)
Replacement Battery	APCRBC123 
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

Provided Equipment	user manual USB cable
Number Of Power Module Free 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

Number Of Power Module Filled Slots	0
Redundant	No

Physical

Colour	Black
Height	25 cm
Width	10 cm
Depth	38.2 cm
Net Weight	10.72 kg
Mounting Preference	No preference
Mounting Mode	Not rack-mountable
Two Post Mountable	0
Usb Compatible	Yes

Input

Network Frequency	60 Hz +/- 3 Hz
Input Voltage Limits	88...139 V
Maximum Input Current	12 A
Switching Current Capacity	15 A

Output

Maximum Configurable Power In W	650 W
Output Frequency	60 Hz +/- 3 Hz sync to mains
Crest Factor	3 : 1
Ups Type	Line interactive
Wave Type	Stepped approximation to a sinewave
Maximum Configurable Power In Va	1080 VA
Transfer Time	8 ms typical : 12 ms maximum

Conformance

Product Certifications	California Energy Commission (CEC) DOC/Industry Canada UL listed
Equipment Protection Policy	Lifetime : \$150000

Environmental

Ambient Air Temperature For Operation	0...40 °C
Relative Humidity	0...95 %
Operating Altitude	0...9842 ft
Ambient Air Temperature For Storage	-15...45 °C
Storage Relative Humidity	0...95 %
Storage Altitude	0.00...14999.82 m

Acoustic Level	45 dBA
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Communications & Management

Control Panel	Multifunction LCD status and control console
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering

Surge Energy Rate	354 J
Noise Suppression	Full time multi-pole noise filtering : 5% of IEEE surge let-through : zero clamping response time: instantaneous
Data Line Protection	Coaxial cable for CATV/SATV/modem/audio-video
Let Through Voltage Rating	300 V

Packing Units

Unit Type Of Package 1	PCE
Number Of Units In Package 1	1
Package 1 Height	33.7 cm
Package 1 Width	48.7 cm
Package 1 Length	22.5 cm
Package 1 Weight	11.7 kg
Package 3 Weight	393.28 kg
Scc14	10731304302787

Contractual warranty

Warranty	3 years repair or replace
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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 >](#)



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