

# Product data sheet

Specifications



## APC Power-Saving Back-UPS Pro NS 1080VA

BN1080G

! Discontinued on: 28 September 2021

! End-of-service on: 12 November 2022

! Discontinued

### Overview

Lead time Usually in Stock

### Main

Main Input Voltage	120 V
Kw Rating	650 W
Rated power in VA	1080 VA
Output connection type	4 NEMA 5-15R 4 NEMA 5-15R surge
Cable length	6 ft (1.83 m)
Number of cables	1
Battery Type	Lead-Acid battery

### General

Provided equipment	User Manual USB cable
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

### Physical

Color	Black
Height	9.84 in (25 cm)
Width	3.94 in (10 cm)
Depth	15.04 in (38.2 cm)
Net Weight	23.63 lb(US) (10.72 kg)
Mounting preference	No preference
Mounting Mode	Not rack-mountable
Two post mountable	0
USB compatible	Yes

## Input

Input Frequency	60 Hz +/- 3 Hz
Efficiency at full load	88...139 V
Maximum Input Current per Phase	12 A
Switching current capacity	15 A

## Output

Max Configurable Power (Watts)	650 W
Output frequency	60 Hz +/- 3 Hz sync to mains
Crest factor	3 : 1
Topology	Line Interactive
Waveform Type	Stepped approximation to a sinewave
Maximum configurable power in VA	1080 VA
Transfer Time	8ms typical : 12ms maximum


## Conformance

Product Certifications	California (CEC) Battery Charger DOC/Industry Canada UL Listed
Equipment protection policy	Lifetime : \$150000

## Environmental

Ambient Air Temperature for Operation	32...104 °F (0...40 °C)
Relative Humidity	0...95 %
Operating altitude	0...9842 ft
Ambient Air Temperature for Storage	5...113 °F (-15...45 °C)
Storage Relative Humidity	0...95 %
Storage altitude	0...49212 ft (0.00...14999.82 m)
Acoustic level	45 dBA

## Batteries & Runtime

Included Battery Modules	0
Battery Slots Empty	0
Typical recharge time	16 h
RBC Quantity	1
Battery Charge Power (Watts)	10 W rated
Battery power in VAH	157 VAh runtime
Battery life	3...5 year(s)
Replacement battery	<a href="#">APCRBC123</a> 
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

## Communications & Management

Control panel Multi-function LCD status and control console

## Surge Protection and Filtering

Surge energy rating 354 J

Filtering Full time multi-pole noise filtering :5% of IEEE surge let-through : zero clamping response time: in

Let Through Voltage Rating 300 V

## Ordering and shipping details

GTIN 731304302780

## Packing Units

Unit Type of Package 1 PCE

Number of Units in Package 1 1

Package 1 Height 13.27 in (33.7 cm)

Package 1 Width 19.17 in (48.7 cm)

Package 1 Length 8.86 in (22.5 cm)

Package 1 Weight 25.79 lb(US) (11.7 kg)

Package 3 Weight 867.03 lb(US) (393.28 kg)

SCC14 10731304302787

## Offer Sustainability

Sustainable offer status Green Premium product

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)

REACH Regulation [REACH Declaration](#)

EU RoHS Directive Compliant  
[EU RoHS Declaration](#)

Mercury free Yes

RoHS exemption information Yes

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)

Optimized Energy Efficiency Energy efficient product


Take-back Take-back program available

## Contractual warranty

Warranty 3 years repair or replace

## Recommended replacement(s)

BN1080G is replaced by the following group of products:

1x		APC Back-UPS Pro 1350VA, 120V, AVR, LCD, 2 USB charging ports, 10 NEMA outlets (4 surge) BN1350M2
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1x



APC Back-UPS Pro, 1000VA/600W, Tower, 120V, 10x NEMA 5-15R outlets, Sine Wave, AVR, USB Type A + C ports, LCD, User Replaceable Battery

BR1000MS