

Product data sheet

Specifications



APC Back-UPS 650VA, 120V, 8 NEMA outlets (4 surge)

BE650G1

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	390 W
rated power in VA	650 VA
Product or component type	Uninterruptible power supply (UPS)
Input Connection Type	NEMA 5-15P
output connection type	4 NEMA 5-15R 4 NEMA 5-15R surge
Cable length	1.5 m
Number of cables	1
Battery type	Lead-acid battery
Provided equipment	User manual USB cable
Range of product	Back-UPS

Batteries & Runtime

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph
Battery recharge time	24 h
Number of battery replacement quantity	1
Battery voltage	12 V
Battery capacity	9.0 Ah
Battery charger power	3 W rated
Battery power in VAh	79 VAh runtime
Battery life	2...5 year(s)
Replacement battery	RBC17

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
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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

Extended runtime	0
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General

Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

Physical

Colour	Black
Height	8.8 cm
Width	18 cm
Depth	30.2 cm
Product weight	6.2 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	90...140 V
Maximum input current	12 A

Output

Maximum configurable power in W	390 W
Output frequency	60 Hz +/- 3 Hz sync to mains
UPS type	Standby
Wave type	Stepped approximation to a sinewave
Maximum output current	12 A
Maximum configurable power in VA	650 VA
Transfer time	8 ms typical : 12 ms maximum

Conformance

Product certifications	California Energy Commission (CEC) ENERGY STAR V2.0 (USA) NOM TÜV-C
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Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	5...95 %
Operating altitude	0...3000 ft
Ambient air temperature for storage	-15...45 °C

Storage Relative Humidity	5...95 %
Storage altitude	0...1524 m
Acoustic level	45 dBA

Communications & Management

Control panel	LED status display with on line : on battery : replace battery and building wiring fault
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Surge Protection and Filtering

Surge energy rate	340 J
Noise suppression	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449
Let through voltage rating	330 V

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	12.8 cm
Package 1 Width	39.3 cm
Package 1 Length	23.5 cm
Package 1 Weight	7 kg
SCC14	10731304285431
Pallet unit layers	20
Pallet layers	5

Contractual warranty

Warranty	3 years repair or replace
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances	
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
REACH Regulation	REACH Declaration
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

Energy efficiency	
Energy Efficiency Optimized	Energy efficient product
 ENERGY STAR®	ENERGY STAR UPS V2.0 (USA)

Use Again

Repack and remanufacture	
End of life manual availability	End of Life Information
Removable battery	User replaceable
Take-back	No
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Technical Illustration

Dimensions



Offer Marketing Illustration

Product benefits / Features



Quiet work
that won't disturb your daily activities

Image of product / Alternate images

Alternative

