Product data sheet

Specifications

APC

Green Premium™

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

BE650G1-CN

Overview

Lead time	Usually in Stock

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	5 ft (1.5 m)
Number of cables	1
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 free slots	0
Battery recharge time	24 h
Number of battery replacement quantity	1
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
Extended runtime	0

General

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

Physical

Colour	Black
Height	3.5 in (8.8 cm)
Width	7.09 in (18 cm)
Depth	11.9 in (30.2 cm)
net weight	13.7 lb(US) (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
Equipment protection policy	Lifetime : $75000

Environmental

Ambient air temperature for operation	32.0000000000…104.0000000000 °F (0…40 °C)
Relative humidity	5…95 %
Operating altitude	0...10000 ft
Ambient air temperature for storage	5.0000000000…113.0000000000 °F (-15…45 °C)
Storage Relative Humidity	5…95 %
Storage altitude	0…50000 ft (0.0000000000…15240.0000000000 m)

Acoustic level	45 dBA

Communications & Management

control panel	LED status display with on line : on battery : replace battery and building wiring fault

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	5.04 in (12.8 cm)
Package 1 Width	15.5 in (39.3 cm)
Package 1 Length	9.3 in (23.5 cm)
Package 1 Weight	15.4 lb(US) (7 kg)
SCC14	10731304286797
Pallet unit layers	20
Pallet layers	5

Contractual warranty

Warranty	3 years repair or replace

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-CO_2 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

Environmental Certifications

✓ Energy Star®   ENERGY STAR UPS V2.0 (USA)

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant with Exemptions

Environmental Disclosure   Product Environmental Profile

Circularity Profile   End of Life Information