Product data sheet

Specifications



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

BE650G1

Product availability: Non-Stock - Not normally stocked in distribution facility

Main

Main input voltage	120 V AC 1 phase
Input connection	NEMA 5-15P
Maximum input current	12 A
Efficiency at full load	90...140 V
Input frequency	60 Hz +/- 3 Hz
Output voltage	120 V AC 1 phase
Rated power in W	390 W
Rated power in VA	650 VA
Output connection	4 NEMA 5-15R 4 NEMA 5-15R surge
Type of USB power supply	None
Maximum configurable power in VA	650 VA
Maximum configurable power in W	390 W
Maximum output current	12 A
Transfer time	8ms typical : 12ms maximum
UPS topology	Standby
Waveform type	Stepped approximation to a sinewave
Output frequency	60 Hz +/- 3 Hz sync to mains
Replacement battery	RBC17

Graphs

Runtime	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

Battery capacity	9.0 Ah
Battery type	Lead-acid internal included
Control panel	LED status display with On Line : On Battery : Replace Battery and Building Wiring Fault
Software Compatibility	SmartConnect
UPS connectivity	USB port
Let through voltage rating	330 V

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Surge energy rating	340 J
Noise filtering	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : mee
Cable length	5 ft (1.5 m)
Number of cables	1
Color	Black
Height	3.5 in (88 mm)
Width	7.09 in (180 mm)
Depth	11.9 in (302 mm)
Product weight	13.7 lb(US) (6.2 kg)
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	Yes
Mounting mode	Tower
Provided equipment	User Manual USB cable
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Range of product	Back-UPS
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certification	California (CEC) Battery Charger ENERGY STAR V2.0 (USA) NOM TÜV-C
Ambient air temperature for operation	32…104 °F (0…40 °C)
Ambient air temperature for storage	5…113 °F (-15…45 °C)
Storage altitude	0…5000 ft (0…1524 m)
Relative humidity	5…95 %
Storage relative humidity	5…95 %
Acoustic level	45 dBA
Operating altitude	0...3000 ft

Batteries & Runtime

Battery type	Lead-Acid battery
Battery voltage	12 V
Battery graph comment	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 runtime	0

Typical recharge time	24 h
RBC quantity	1
Battery life	2…5 year(s)
Battery charging power	3 W rated

Ordering and shipping details

Category	11309 - APC RESALE PRODUCTS
GTIN	731304285434
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	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 weight(Lbs)	15.4 lb(US) (7 kg)
SCC14	10731304285431
Pallet unit layers	20
Pallet layers	5

Contractual warranty

Warranty (in months)	36 UPS|12 Battery

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

Total lifecycle Carbon footprint	**249 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**67 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.7 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**181 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.6 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Average percentage of recycled plastic content	**15 %**
Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
SCIP Number	**91787ad2-da84-46f9-b12c-61c4b8eb5d03**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
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

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

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**62**

Circularity Profile	End of Life Information
Removable battery	User replaceable
Take-back	Yes
WEEE Label	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Image of product / Alternate images

Alternative

