

Product data sheet

Specifications



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

BE650G1

Overview

Lead time Usually in Stock

Main

Main Input Voltage	120 V
Main Output Voltage	120 V
Kw Rating	390 W
Rated power in VA	650 VA
Input Connection Type	NEMA 5-15P
Output connection type	4 NEMA 5-15R 4 NEMA 5-15R surge
Cable length	5 ft (1.52 m)
Number of cables	1
Battery Type	Lead-Acid battery
Provided equipment	User Manual USB cable

General

Max runtime	62 min
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

Physical

Color	Black
Height	3.46 in (8.8 cm)
Width	7.09 in (18 cm)
Depth	11.89 in (30.2 cm)
Net Weight	13.67 lb(US) (6.2 kg)
Mounting preference	No preference
Mounting Mode	Not rack-mountable

Two post mountable	0
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USB compatible	Yes
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Input

Input Frequency	60 Hz +/- 3 Hz
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Efficiency at full load	90...140 V
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Maximum Input Current per Phase	12 A
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Output

Max Configurable Power (Watts)	390 W
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Output frequency	60 Hz +/- 3 Hz sync to mains
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Topology	Standby
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Waveform Type	Stepped approximation to a sine wave
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Maximum output current	12 A
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Maximum configurable power in VA	650 VA
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Transfer Time	8ms typical : 12ms maximum
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Conformance

Product Certifications	California (CEC) Battery Charger ENERGY STAR V2.0 (USA) NOM TÜV-C
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Equipment protection policy	Lifetime : \$75000
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Environmental

Ambient Air Temperature for Operation	32...104 °F (0...40 °C)
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Relative Humidity	5...95 %
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Operating altitude	0...10000 ft
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Ambient Air Temperature for Storage	5...113 °F (-15...45 °C)
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Storage Relative Humidity	5...95 %
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Storage altitude	0...50000 ft (0.00...15240.00 m)
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Acoustic level	45 dBA
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Batteries & Runtime

Typical recharge time	24 h
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RBC Quantity	1
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Battery Voltage	12 V
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Battery Capacity	9.0 Ah
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Battery Charge Power (Watts)	3 W rated
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Battery power in VAh	79 VAh runtime
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Battery Life	2...5 year(s)
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Replacement battery	RBC17 
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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
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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
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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 rating	340 J
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Filtering	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : mee
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Let Through Voltage Rating	330 V
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Ordering and shipping details

Category	11309 - APC RESALE PRODUCTS
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GTIN	731304285434
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Returnability	No
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Packing Units

Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	5.04 in (12.8 cm)
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Package 1 Width	15.47 in (39.3 cm)
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Package 1 Length	9.25 in (23.5 cm)
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Package 1 Weight	15.43 lb(US) (7 kg)
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SCC14	10731304285431
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Pallet unit layers	20
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Pallet layers	5
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Offer Sustainability

Sustainable offer status	Green Premium product
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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
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ENERGY STAR®	ENERGY STAR UPS V2.0 (USA) 
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REACH Regulation	REACH Declaration
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EU RoHS Directive	Compliant EU RoHS Declaration
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Mercury free	Yes
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RoHS exemption information	Yes
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Environmental Disclosure	Product Environmental Profile
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Circularity Profile	End of Life Information
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Optimized Energy Efficiency	Energy efficient product
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Take-back	Take-back program available
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Contractual warranty

Warranty	3 years repair or replace
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Recommended replacement(s)