

Product data sheet

Specifications



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

BE650G1-CN

Overview

Lead time	Usually in Stock
-----------	------------------

General

Provided equipment	User manual USB cable
Max runtime	62 min
Performance multiplier	1
Number of tare power	3 W
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No
UPS size	WS
Value multiplier	1

Physical

Cable length	1.52 m
Colour	Black
Depth	30.2 cm
Height	8.8 cm
Mounting preference	No preference
Net weight	6.2 kg
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	Yes
Width	18 cm

Input

Network frequency	60 Hz +/- 3 Hz
Plug standard	NEMA 5-15P

Input voltage limits	90...140 V
Maximum input current	12 A
Number of cables	1
Input voltage	120 V

Output

Rated power in W	390 W
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
Nb of power socket outlets	4 NEMA 5-15R 4 NEMA 5-15R surge
Curve equation	Efficiency
Curve fixed loss	0.0053
Curve load maximum	100 %
Curve load minimum	1 %
Curve proportional loss	0
Curve square loss	0.0034
Curve X-axis maximum	100 %
Curve test cond ID	Curve fit of data measured in accordance with the US DOE Test Procedure for Uninterruptible Power Supplies. All measurements taken in normal mode(s), at typical environmental conditions, with 120V/60Hz electrical input and balanced resistive load (PF = 1.0) output.
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Maximum output current	12 A
Output voltage	120 V
Maximum configurable power in VA	650 VA
Rated 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
Standards	CSA C22.2 No 107.1 CSA C22.2 No 60960 FCC part 15 class B FCC part 68 UL 1778
Equipment protection policy	Lifetime : \$75000

Environmental

Ambient air temperature for operation	0...40 °C
Relative humidity	5...95 %
Operating altitude	0...10000 ft
Ambient air temperature for storage	-15...45 °C
Storage Relative Humidity	5...95 %
Storage altitude	0.00...15240.00 m
Acoustic level	45 dBA
Show note OP temperature	No

Batteries & Runtime

Battery type	Lead-acid battery
Number of battery free slots	0
Battery recharge time	24 h
Number of battery replacement quantity	1
Liquid value	0
Battery curve	C
Battery charger power	3 W rated
Battery power in VAH	79 VAh runtime
Battery life	2...5 year(s)
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

Communications & Management

Control panel	LED status display with on line : on battery : replace battery and building wiring fault
Alarm	Alarm when on battery : distinctive low battery alarm

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
Data line protection	RJ45 network line - 10/100 base-T Ethernet
Let through voltage rating	330 V

Packing Units

Package 1 Weight	7 kg
Package 1 Height	12.8 cm
Package 1 width	23.5 cm
Package 1 Length	39.3 cm
SCC14	10731304286797
Number of Units in Package 2	2

Package 2 Weight	14.37 kg
Package 2 Height	254.00 mm
Package 2 width	279.40 mm
Package 2 Length	406.40 mm
Pallet unit layers	20
Pallet layers	5

Offer Sustainability

Sustainable offer status	Green Premium product
Energy Star	ENERGY STAR UPS V2.0 (USA) 
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
----------	---------------------------