

# Product data sheet

Specifications



## APC Back-UPS, 650VA/400W, Tower, 230V, 4x IEC C13 Outlets , User Replaceable Battery

BK650E1

### Overview

Lead time Usually in Stock

### Main

Main Input Voltage	230 V
Main Output Voltage	230 V
Rated power in W	400 W
Rated power in VA	650 VA
Input Connection Type	IEC 60320 C14
Output connection type	3 IEC 60320 C13 1 IEC 60320 C13 surge 2 IEC Jumpers surge
Number of cables	2
Battery type	Lead-acid battery
Provided equipment	CD with software Documentation CD 2 x detachable IEC C13 to IEC C14 power cords USB cable

### General

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

### Physical

Colour	Beige
Height	16.5 cm
Width	9.1 cm
Depth	28.4 cm
Net weight	6.03 kg
Mounting location	Front
Mounting preference	No preference

Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	Yes

## Input

Network frequency	47...63 Hz 50/60 Hz +/- 3 Hz auto-sensing
Input voltage limits	160...286 V adjustable 180...266 V
Maximum input current	7 A
Switching current capacity	7 A

## Output

Maximum configurable power in W	400 W
Output frequency	47...63 Hz sync to mains 50/60 Hz +/- 1 Hz unsynchronised
UPS type	Standby
Wave type	Stepped approximation to a sinewave
Maximum configurable power in VA	650 VA
Transfer time	6 ms typical : 10 ms maximum

## Conformance


Product certifications	A-Tick C-Tick CE GOST NEMKO
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018

## 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

## Batteries & Runtime

Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	8 h
Number of battery replacement quantity	1
Battery voltage	12 V
Battery capacity	9.0 Ah

Battery charger power	12 W rated
Battery power in VAH	95 VAh capacity 95 VAh runtime
Battery life	4...6 year(s)
Replacement battery	<a href="#">RBC17</a> 
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 overload indicators
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

## Surge Protection and Filtering

Surge energy rate	310 J
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## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	49.4 cm
Package 1 Width	18.5 cm
Package 1 Length	41.5 cm
Package 1 Weight	7.31 kg
Unit Type of Package 2	PAL
Number of Units in Package 2	70
Package 2 Height	132.5 cm
Package 2 Width	100 cm
Package 2 Length	120 cm
Package 2 Weight	510.86 kg
SCC14	10731304219788

## Offer Sustainability

REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

## Contractual warranty

Warranty	2 years repair or replace
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## Recommended replacement(s)