

Product datasheet

Specifications



APC Back-UPS, 650VA, Tower, 230V, 4 IEC C13 Outlets , User Replaceable Battery

BK650EI

Overview

Lead time	Usually in Stock
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Main

Main Input Voltage	230 V AC 1 phase
Input Connection Type	IEC 60320 C14
Maximum input current	7 A
Switching current capacity	7 A
Input voltage limits	160...286 V adjustable 180...266 V
Network frequency	47...63 Hz 50/60 Hz +/- 3 Hz auto-sensing
Output voltage	230 V AC 1 phase
Rated power in W	400 W
rated power in VA	650 VA
Output connection type	3 IEC 60320 C13 1 IEC 60320 C13 surge 2 IEC Jumpers surge
USB Charging Port	None
Maximum configurable power in VA	650 VA
Maximum configurable power in W	400 W
Transfer time	6 ms typical : 10 ms maximum
UPS type	Standby
Wave type	Stepped approximation to a sinewave
Output frequency	47...63 Hz sync to mains 50/60 Hz +/- 1 Hz unsynchronised

Complementary

Battery type	Lead-acid battery
Battery voltage	12 V
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
Battery capacity	9.0 Ah
Number of battery filled slots	0

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

Number of battery free slots	0
Battery recharge time	8 h
Number of battery replacement quantity	1
Battery life	4...6 year(s)
Battery charger power	12 W rated
Battery type	Lead-acid internal included
Control panel	LED Status display with on line : on battery
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
UPS connectivity	USB port
Surge energy rate	310 J
Number of cables	2
Colour	Beige
Height	165 mm
Width	91 mm
Depth	284 mm
Net weight	6.03 kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	Yes
Mounting mode	Tower
Provided equipment	CD with software Documentation CD 2 x detachable IEC C13 to IEC C14 power cords 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 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
Ambient air temperature for operation	0...40 °C
Ambient air temperature for storage	-15...45 °C

Storage altitude	0...15240 m
Relative humidity	5...95 %
Storage Relative Humidity	5...95 %
Acoustic level	45 dBA
Operating altitude	0...10000 ft

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	49.400 cm
Package 1 Width	18.500 cm
Package 1 Length	41.500 cm
Package 1 Weight	7.300 kg
Unit Type of Package 2	PAM
Number of Units in Package 2	35
Package 2 Height	132.500 cm
Package 2 Width	100.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	267.850 kg
SCC14	10731304219788

Contractual warranty

Warranty (in months)	24 UPS 12 Battery
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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	261
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	019b51cf-d7f1-4f06-ac85-1378fc94c7aa
REACH Regulation	REACH Declaration



Energy efficiency

Energy Efficiency Optimized	Energy efficient product
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Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture


End of life manual availability	End of Life Information
Removable battery	User replaceable
Take-back	No
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

