

# Product datasheet

Specifications



## APC Easy UPS, 1600VA, Tower, 230V, 4x IEC C13 Outlets, AVR

BVX1600LI

EAN Code: 0731304404514

### Main

Main Input Voltage	230 V AC 1 phase
Input Connection Type	IEC 60320 C14
Cos phi	0.56
Input voltage limits	140...300 V 230 V AC
Network frequency	50/60 Hz +/- 5 Hz auto-sensing
Output voltage	230 V AC 1 phase
Rated power in W	900 W
Rated power in VA	1600 VA
Output connection type	6 IEC 320 C13
USB Charging Port	None
Maximum configurable power in VA	1600 VA
Maximum configurable power in W	900 W
Transfer time	6 ms typical : 10 ms maximum
UPS type	Line interactive
Wave type	Stepped approximation to a sinewave
Full load runtime	00:01:00 900 W
Half load runtime	00:06:30 450 W
Output frequency	50/60 Hz +/- 1 Hz sync to mains

### Graphs

Run Time	<a href="#">View Runtime Graph</a>
Efficiency	<a href="#">View Efficiency Graph</a>

### Complementary

Battery capacity	7.0 Ah
Battery type	Lead-acid internal included
Control panel	LED Status display with on line : on battery
Surge energy rate	273 J
Cable length	1.2 m
Number of cables	1
Colour	Black

Height	190 mm
Width	140 mm
Depth	390 mm
Product weight	10.2 kg
Mounting support	Floor
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No
Mounting mode	Desktop installation compact
Provided equipment	User manual
Max runtime	240 min
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Range of product	Easy UPS
Product or component type	Uninterruptible power supply (UPS)

## Environment

Product certifications	CE CB
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...40 °C
Storage altitude	0...3000 m
IP degree of protection	IP20
Relative humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing
Acoustic level	40 dBA
Operating altitude	0...3000 m

## Batteries & Runtime

Battery type	Lead-acid battery
Battery voltage	24 V
Battery graph comments	Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.
Extended runtime	0
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	8 h

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Battery life	2...3 year(s)
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## Packing Units

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Unit Type of Package 1	PCE
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Number of Units in Package 1	1
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Package 1 Height	29.7 cm
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Package 1 Width	49.5 cm
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Package 1 Length	23.5 cm
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Package 1 Weight	11.2 kg
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## Logistical informations

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Country of origin	CN
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## Contractual warranty

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Warranty (in months)	24
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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	399 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	107 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	289 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	1 kg CO2 eq.
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

### Use Better



### Materials and Substances

Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	Ef3b165e-8e1d-4ef1-89c3-03b78b282225
EU RoHS Directive	<a href="#">Compliant By Exemption</a>
REACH Regulation	<a href="#">Reference contains Substances of Very High Concern above the threshold</a>

### Use Longer



### Lifetime extension

Repair	No
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### Use Again



### Repack and remanufacture


Recyclability potential, in %	62
End of life manual availability	<a href="#">End of Life Information</a>
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

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