Product datasheet

Specifications



APC EASY UPS BV 800VA, AVR, Universal Outlet, 230V

BV800I-MSX

Main

Main input voltage	230 V AC 1 phase
Input connection	BS 1363 British
Efficiency at full load	170...280 V
Input frequency	50/60 Hz +/- 5 Hz auto-sensing
Output voltage	230 V AC 1 phase
Rated power in W	450 W
Rated power in VA	800 VA
Output connection	4 universal
Maximum configurable power in VA	800 VA
Maximum configurable power in W	450 W
Transfer time	6 ms typical : 10 ms maximum
UPS topology	Line interactive
Waveform type	Stepped approximation to a sinewave
Output frequency	50/60 Hz +/- 1 Hz unsynchronised

Complementary

Battery type	Lead-acid internal included
Control panel	LED Status display with on line : on battery
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Surge energy rating	156 J
Cable length	1.50 m
Number of cables	1
Color	Black
Height	92.5 mm
Width	160.5 mm
Depth	305 mm
Product weight	5.3 kg
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	No

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

Mounting mode	Wall mount compact
Provided equipment	User manual
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 certification	CE
Standard	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	-20…50 °C
Storage altitude	0…15240 m
IP protection	IP20
Relative humidity	0…90 %
Storage relative humidity	0…90 %
Acoustic level	40 dBA
Operating altitude	0...6667 ft

Batteries & Runtime

Battery type	Lead-acid battery
Extendable runtime	0
Included battery module	0
Empty battery slot	0
Battery life	3…5 year(s)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	23.7 cm
Package 1 Width	37.3 cm
Package 1 Length	14.3 cm
Package 1 Weight	5.6 kg
SCC14	10731304344084

Contractual warranty

Warranty (in months)	24

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	**200 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**54 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.6 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**145 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.5 kg CO2 eq.**
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 By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold

Use Again

Repack and remanufacture

Recyclability potential, in %	**62**
End of life manual availability	End of Life Information
Removable battery	**No**
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

