Product datasheet

Specifications

APC

Green Premium™

APC Back-UPS BV 500VA, AVR, IEC Outlet, 230V

BV500I

Overview

Lead Time	Usually in Stock

Main

Main Input Voltage	230 V
Main Output Voltage	230 V
Rated Power In W	300 W
Rated Power In Va	500 VA
Input Connection Type	IEC 60320 C14
Output Connection Type	6 IEC 60320 C13
Cable Length	1.50 m
Number Of Cables	1
Battery Type	Lead-acid battery
Provided Equipment	User manual

Batteries & Runtime

Efficiency	View Efficiency Graph ↗
Number Of Battery Filled Slots	0
Number Of Battery Free Slots	0
Battery Recharge Time	8 h
Battery Voltage	12 V
Battery Capacity	4.5 Ah
Battery Life	3…5 year(s)
Extended Runtime	0

General

Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	No
Ups Size	WS

Physical

Colour	Black

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Height	9.25 cm
Width	16.05 cm
Depth	30.5 cm
Net Weight	3.9 kg
Mounting Preference	No preference
Mounting Mode	Not rack-mountable
Two Post Mountable	0
Usb Compatible	No

Input

Network Frequency	50/60 Hz +/- 5 Hz auto-sensing
Input Voltage Limits	170...280 V

Output

Maximum Configurable Power In W	300 W
Output Frequency	50/60 Hz +/- 1 Hz unsynchronised
Ups Type	Line interactive
Wave Type	Stepped approximation to a sinewave
Graph Display	1
Maximum Configurable Power In Va	500 VA
Transfer Time	6 ms typical : 10 ms maximum

Conformance

Product Certifications	CE
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	0…90 %
Operating Altitude	0...6667 ft
Ambient Air Temperature For Storage	-20…50 °C
Storage Relative Humidity	0…90 %
Storage Altitude	0.00…15240.00 m
Acoustic Level	40 dBA
Ip Degree Of Protection	IP20

Communications & Management

Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering

Surge Energy Rate	156 J

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	4.2 kg
Scc14	10731304338267

Contractual warranty

Warranty	2 years repair or replace

Sustainability

Green Premium^TM label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Energy Efficient   Take-back   Transparency   RoHS/REACh

Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information   Yes

Certifications & Standards

Reach Regulation   REACh Declaration

Eu Rohs Directive   Compliant with Exemptions

Environmental Disclosure   Product Environmental Profile

Circularity Profile   End of Life Information