

Product datasheet

Specifications



APC Back-UPS Pro, 1600VA/960W, Tower, 230V, 8x IEC C13 outlets, Sine Wave, AVR, USB Type A + C ports, LCD, User Replaceable Battery

BR1600SI

Overview

Lead time Usually in Stock

Main

Main Input Voltage	230 V
Rated power in W	960 W
Rated power in VA	1600 VA
Product or component type	Uninterruptible power supply (UPS)
Input Connection Type	IEC 60320 C13
Output connection type	6 IEC 60320 C13 2 IEC 60320 C13 surge
Battery type	Lead-acid battery

Batteries & Runtime

Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	16 h
Number of battery replacement quantity	1
Battery voltage	24 V
Battery capacity	9.4 Ah
Battery charger power	16 W rated
Battery power in VAh	260 VAh runtime
Battery life	3...5 year(s)
Replacement battery	APCRBC163
Extended runtime	0

General

Provided equipment	user manual USB cable
Number of power module free slots	0

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 power module filled slots	0
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Redundant	No
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Physical

Colour	Black
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Height	26 cm
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Width	10 cm
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Depth	36.8 cm
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Net weight	12.1 kg
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Mounting preference	No preference
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Mounting mode	Not rack-mountable
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Two post mountable	0
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USB compatible	No
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Input

Network frequency	50/60 Hz +/- 3 Hz auto-sensing
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Input voltage limits	176...294 V
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Maximum input current	10 A
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Switching current capacity	10 A
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Output

Maximum configurable power in W	960 W
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Output frequency	50/60 Hz +/- 1 Hz sync to mains
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UPS type	Line interactive
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Maximum configurable power in VA	1600 VA
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Conformance

Product certifications	A-Tick C-Tick CE EAC RCM TISI
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Marking	GS Mark
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Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018
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Environmental

Ambient air temperature for operation	0...40 °C
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Relative humidity	0...95 % non-condensing
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Operating altitude	0...10000 ft
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Ambient air temperature for storage	-15...45 °C
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Storage Relative Humidity	0...95 % non-condensing
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Storage altitude	0.00...15240.00 m
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Acoustic level	45 dBA
Heat dissipation	19.5 Btu/h

Communications & Management

Control panel	Multifunction LCD status and control console
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm

Surge Protection and Filtering

Surge energy rate	509 J
Noise suppression	Full time multi-pole noise filtering : 10% of IEEE surge let-through : zero clamping response time: instantaneous

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	35.9 cm
Package 1 Width	48.2 cm
Package 1 Length	22.3 cm
Package 1 Weight	13.75 kg
SCC14	10731304346927

Offer Sustainability

REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
RoHS exemption information	Yes
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	2 years repair or replace, 3 years repair or replace for European Union countries
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Recommended replacement(s)