

Product datasheet

Specifications



APC Back-UPS Pro 1600S, 1600VA, 230V, Sinewave, AVR, LCD, 8 IEC outlets (2 surge)

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
Nb of power socket outlets	6 IEC 60320 C13 2 IEC 60320 C13 surge
Battery type	Lead-acid battery

General

Provided equipment	user manual USB cable
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

Physical

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

Input

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

Output

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

Conformance

Product certifications	A-Tick C-Tick CE EAC RCM TISI
Marking	GS Mark

Environmental

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

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)
Extended runtime	0

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
Data line protection	RJ45 10/100/1000 Base-T Ethernet protection

Packing Units

Package 1 Weight	13.75 kg
Package 1 Height	35.9 cm
Package 1 width	22.3 cm
Package 1 Length	48.2 cm
SCC14	10731304346927
Number of Units in Package 2	1
Package 2 Weight	14.61 kg
Package 2 Height	228.60 mm
Package 2 width	482.60 mm
Package 2 Length	381.00 mm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
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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