Product data sheet
Characteristics

BR1600SI
APC Back-UPS Pro, Back-UPS Pro, 1600VA/960W, Tower, 230V, 8x IEC C13 outlets, Sine Wave, AVR, USB Type A + C ports, LCD, User Replaceable Battery



Main

Main Input Voltage	230 V AC 1 phase
Input Connection Type	IEC 60320 C14
Maximum input current	10 A
Switching current capacity	10 A
Input voltage limits	176...294 V
Network frequency	50/60 Hz +/- 3 Hz auto-sensing
Output voltage	230 V AC 1 phase
Rated power in W	960 W
Rated power in VA	1600 VA
Output connection type	6 IEC 60320 C13 2 IEC 60320 C13 surge
Type of USB power supply	USB type A + C
Maximum configurable power in VA	1600 VA
Maximum configurable power in W	960 W
UPS type	Line interactive
Output frequency	50/60 Hz +/- 1 Hz sync to mains

Complementary

Battery capacity	9.4 Ah
Battery type	Lead-acid internal included
Control panel	Multifunction LCD status and control console
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Software compatibility	SmartConnect
UPS connectivity	USB port
Surge energy rate	509 J
Noise suppression	Full time multi-pole noise filtering : 10% of IEEE surge let-through : zero clamping response tim
Colour	Black
Height	260 Mm
Width	100 Mm
Depth	368 Mm
Net weight	12.1 Kg
Mounting preference	No preference

Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	Yes
Mounting mode	Tower
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Range of product	Back-UPS Pro
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certifications	A-Tick[RETURN]C-Tick[RETURN]CE[RETURN]EAC[RETURN]RCM[RETURN]TISI
Marking	GS Mark
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…45 °C
Storage altitude	0…15240 M
Relative humidity	0…95 % non-condensing
Storage Relative Humidity	0…95 % non-condensing
Acoustic level	45 dBA
Heat dissipation	19.5 Btu/H
Operating altitude	0...10000 ft

Batteries & Runtime

Battery type	Lead-acid battery
Battery voltage	24 V
Extended runtime	0
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	16 H
Number of battery replacement quantity	1
Battery life	3…5 Year(S)
Battery charger power	16 W rated

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

Recyclability potential, in %	62
Total lifecycle Carbon footprint	490 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	131.75
Carbon footprint of the manufacturing phase [A1 to A3]	132 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	1.42
Carbon footprint of the distribution phase [A4]	1 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	355
Carbon footprint of the use phase [B2, B3, B4, B6]	355 kg CO2 eq.

Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	1.2525
Carbon footprint of the end-of-life phase [C1 to C4]	1 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	490
Average percentage of recycled plastic content	15 %
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	019b51cf-d7f1-4f06-ac85-1378fc94c7aa
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
Energy Efficiency Optimized	Energy efficient product
End of life manual availability	End Of Life Information
Removable battery	User replaceable
Take-back	Yes
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	24

Product Life Status : Commercialised