Product data sheet
Characteristics

BX1600MI-AZ
APC Back-UPS, Back-UPS, 1600VA, 230V, AVR, 4 Australian outlets



Main

Main Input Voltage	230 V AC 1 phase
Cos phi	0.56
Input voltage limits	140...300 V
Network frequency	50/60 Hz +/- 5 Hz auto-sensing
Output voltage	230 V AC 1 phase
Rated power in W	900 W
Rated power in VA	1600 VA
Output connection type	4 AS/NZS 3112
Type of USB power supply	None
Maximum configurable power in VA	1600 VA
Maximum configurable power in W	900 W
Transfer time	6 ms typical : 10 ms maximum
UPS type	Line interactive
Wave type	Stepped approximation to a sinewave
Full load runtime	00:01:00 900 W
Half load runtime	00:06:30 450 W
Output frequency	50/60 Hz +/- 1 Hz sync to mains

Complementary

Battery type	Lead-acid internal included
Control panel	LED Status display with on line : on battery
Software compatibility	SmartConnect
UPS connectivity	USB port
Surge energy rate	273 J
Cable length	1.2 M
Number of cables	1
Colour	Black
Height	190 Mm
Width	140 Mm
Depth	390 Mm
Net weight	10.3 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
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certifications	CE[RETURN]CB[RETURN]RCM
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…40 °C
Storage altitude	0…3000 M
IP degree of protection	IP20
Relative humidity	0…95 % non-condensing
Storage Relative Humidity	0…95 % non-condensing
Acoustic level	40 dBA
Operating altitude	0...3000 m

Batteries & Runtime

Battery type	Lead-acid battery
Battery voltage	24 V
Battery graph comments	Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at ty
Extended runtime	0
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	8 H
Battery life	3…5 Year(S)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	29.7 Cm
Package 1 Width	49.5 Cm
Package 1 Length	23.5 Cm
Package 1 Weight	11.3 Kg
SCC14	10731304410772

Offer Sustainability

Total lifecycle Carbon footprint	714 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	82.3537709235
Carbon footprint of the manufacturing phase [A1 to A3]	82 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.8880299317
Carbon footprint of the distribution phase [A4]	0.9 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]	630.3952859734
Carbon footprint of the use phase [B2, B3, B4, B6]	630 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	0.782485839
Carbon footprint of the end-of-life phase [C1 to C4]	0.8 kg CO2 eq.
Total lifecycle Carbon footprint	714

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	E7333b0a-8d2c-4a40-a279-6eb5db3419eb
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant
End of life manual availability	End Of Life Information
Removable battery	No
Take-back	Yes

Contractual warranty

Warranty (in months)	24

Product Life Status : Commercialised