

Product datasheet

Specifications



Back-UPS 500VA 230V USB/serial

BK500EI

Price: 3,495.82 ZAR

Overview

Lead time Usually in Stock

Main

Main Input Voltage	230 V AC 1 phase
Input Connection Type	IEC 60320 C14
Maximum input current	7 A
Switching current capacity	7 A
Input voltage limits	160...300 V adjustable 180...266 V
Network frequency	47...63 Hz 50/60 Hz +/- 3 Hz auto-sensing
Output voltage	230 V AC 1 phase
Rated power in W	300 W
rated power in VA	500 VA
Output connection type	3 IEC 60320 C13 1 IEC 60320 C13 surge 2 IEC Jumpers surge
USB Charging Port	None
Maximum configurable power in VA	500 VA
Maximum configurable power in W	300 W
Transfer time	6 ms typical : 10 ms maximum
UPS type	Standby
Wave type	Stepped approximation to a sinewave
Output frequency	47...63 Hz sync to mains 50/60 Hz +/- 1 Hz unsynchronised

Complementary

Battery type	Lead-acid battery
Battery voltage	12 V
Extended runtime	0
Battery capacity	7.0 Ah
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	8 h

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Number of battery replacement quantity	1
Battery life	4...6 year(s)
Battery charger power	10 W rated
Battery type	Lead-acid internal included
Control panel	LED Status display with on line : on battery
Free slots	0
Control panel	LED status display with on line : on battery : replace battery and overload indicators
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
UPS connectivity	USB port
Surge energy rate	310 J
Noise suppression	Full time multi-pole noise filtering : 5% IEEE surge let-through : zero clamping response time : meets UL 1449
Number of cables	2
Colour	Beige
Height	165 mm
Width	91 mm
Depth	284 mm
Net weight	6.32 kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Not rack-mountable
Two post mountable	0
USB compatible	Yes
Mounting mode	Tower
Provided equipment	CD with software Documentation CD 1 x detachable IEC power cord 1 x detachable 1.2 m IEC power cord Telephone cable USB cable Warranty card
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	C-Tick CE GOST VDE
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 %
Storage Relative Humidity	0...95 %
Acoustic level	40 dBA
Heat dissipation	24 Btu/h
Operating altitude	0...10000 ft

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	17.800 cm
Package 1 Width	24.100 cm
Package 1 Length	36.800 cm
Package 1 Weight	7.050 kg
Unit Type of Package 2	P12
Number of Units in Package 2	30
Package 2 Height	105.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	490.000 kg
SCC14	10731304016356

Contractual warranty

Warranty (in months)	12 Battery 24 UPS
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Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint

Total lifecycle Carbon footprint 251

Environmental Disclosure [Product Environmental Profile](#)

Use Better

Materials and Substances

Packaging made with recycled cardboard Yes

Packaging without single use plastic No

[EU RoHS Directive](#) Compliant with Exemptions

SCIP Number 019b51cf-d7f1-4f06-ac85-1378fc94c7aa

REACH Regulation [REACH Declaration](#)

Energy efficiency

Energy Efficiency Optimized Energy efficient product

Use Longer

Lifetime extension

Repair No

Use Again

Repack and remanufacture

End of life manual availability [End of Life Information](#)

Removable battery User replaceable

Take-back No

WEEE Label The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Image of product / Alternate images

Alternative



