Product datasheet

Specifications



APC Smart-UPS 1000VA, Tower, LCD 230V with SmartConnect Port

SMC1000IC

Overview

Presentation	Intelligent and efficient network power protection from entry level to scalable runtime. Ideal UPS for servers, point-of-sale, routers, switches, hubs and other network devices.

Main

Main input voltage	230 V AC
Other input voltage	220 V 240 V
Input connection	IEC 60320 C14
Efficiency at full load	170...300 V adjustable 180...287 V
Input frequency	50/60 Hz +/- 3 Hz auto-sensing
Output voltage	230 V AC 1 phase
Other output voltage	220 V 240 V
Rated power in W	600 W
Rated power in VA	1000 VA
Output connection	8 IEC 60320 C13
Harmonic distortion	Less than 5 %
Maximum configurable power in VA	1000 VA
Maximum configurable power in W	600 W
Transfer time	6 ms typical : 10 ms maximum
UPS topology	Line interactive
Waveform type	Sine wave
Output frequency	50/60 Hz +/- 3 Hz sync to mains
Replacement battery	APCRBC142

Graphs

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

Battery capacity	9 Ah
Battery type	Lead-acid internal included

Excluding VAT, FCA Jabal Ali & are subject to change – check with your local distributor.

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

Control panel	Multifunction LCD status and control console
Free slot	0
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
UPS connectivity	Serial port USB port SmartConnect port
Communication port support	SmartConnect Ethernet port: for cloud monitoring feature availability varies by terms of use
Software package	SmartConnect software for remote power monitoring feature availability varies by terms of use
Surge energy rating	455 J
Noise filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449
Color	Black
Height	219 mm
Width	171 mm
Depth	439 mm
Product weight	17.27 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	Power cord USB cable
Number of power modules	0
Number of power module filled slots	0
Number of power module free slots	0
Additional specification	Cloud-enabled monitoring
Redundant	No
Range of product	Smart-UPS
Product or component type	Uninterruptible power supply (UPS)

Environment

Product certification	CE GOST VDE UK PSTI
Standard	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	41 dBA
Heat dissipation	100 Btu/h
Operating altitude	0...10000 ft

Batteries & Runtime

Battery type	Lead-acid battery
Battery voltage	24 V
Extendable runtime	0
Included battery module	0
Empty battery slot	0
Typical recharge time	3 h
RBC quantity	1
Battery life	3…5 year(s)
Battery charging power	56 W rated

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	37.6 cm
Package 1 Width	59.5 cm
Package 1 Length	32.8 cm
Package 1 Weight	19.55 kg

Contractual warranty

Warranty (in months)	24

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	**788 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**529 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**13 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**4 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**223 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**19 kg CO2 eq.**
Environmental Disclosure	Product Environmental Profile

Use Better

Materials and Substances

Average percentage of recycled plastic content	**15 %**
Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**No**
SCIP Number	**B2b22a56-41f2-497e-9ea6-cf093b3b8bd3**
EU RoHS Directive	Compliant By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold

Energy efficiency

Energy Efficiency Optimized	**Energy efficient product**

Use Again

Repack and remanufacture

Recyclability potential, in %	**51**
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






APC


APC