Product datasheet

Specifications

![APC logo]

APC Smart-UPS 5000VA 230V Rackmount/Tower

SUA5000RMI5U

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.
Lead time	Usually Ships within 4 Weeks

Main

Product or component type	Uninterruptible power supply (UPS)

Complementary

Communication port type	SmartSlot
Mounting mode	Rack-mounted with included kit
UPS connectivity	Serial port USB port Available expansion slot
Battery type	Lead-acid internal included

Batteries & Runtime

Run Time	View Runtime Graph ↗
Battery type	Lead-acid battery
Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Extended runtime	0
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	3 h
Number of battery replacement quantity	2
Battery life	3…5 year(s)
Replacement battery	RBC55 ↗
Battery charger power	542 W rated

General

Provided equipment	CD with software
	Documentation CD
	Installation guide
	Rack mounting hardware
	Rack mounting support rails
	Smart UPS signalling RS-232 cable
	User manual
	Web/SNMP management card
Number of power module	0
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No

Physical

Number of rack unit	5U
Colour	Black
Height	222 mm
Width	483 mm
Depth	660 mm
Net weight	97.73 kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	No

Input

Main Input Voltage	230 V AC 1 phase
Input voltage limits	151...302 V adjustable
	160...286 V
Number of input connectors	1 hard wire 3-wire
Network frequency	50/60 Hz +/- 3 Hz auto-sensing

Output

Main Output Voltage	230 V AC 1 phase
Other Output Voltage	220 V
	240 V
Rated power in W	4000 W
rated power in VA	5000 VA
output connection type	8 IEC 320 C13
	4 IEC Jumpers
	2 IEC 320 C19
Crest factor	3 : 1
Harmonic distortion	Less than 5 % at full load
Maximum configurable power in VA	5000 VA
Maximum configurable power in W	4000 W

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Transfer time	2 ms typical : 4 ms maximum
UPS type	Line interactive
Wave type	Sine wave
Efficiency	96 % (full load)
Output frequency	47...53 Hz for 50 Hz nominal sync to mains

Conformance

Product certifications	C-Tick CE GOST VDE
Marking	GS Mark
Standards	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018

Environmental

Acoustic level	53 dBA
Heat dissipation	430 Btu/h
Operating altitude	0...10000 ft
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 %

Communications & Management

Alarm	Audible and visible alarms : configurable delays
Free slots	0
Preinstalled device	Network management card
Control panel	LED status display with on line : on battery : replace battery and overload indicators

Surge Protection and Filtering

Surge energy rate	480 J
Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	63.5 cm
Package 1 Width	61 cm
Package 1 Length	76.2 cm
Package 1 Weight	106.82 kg
Unit Type of Package 2	PAL

Number of Units in Package 2	4
Package 2 Height	119 cm
Package 2 Width	100 cm
Package 2 Length	120 cm
Package 2 Weight	464 kg

Contractual warranty

Warranty (in months)	24

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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	**10505**
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	**080b8d64-796e-42e7-a17d-31b86e55d143**
REACh Regulation	**REACh Declaration**

Energy efficiency

Energy Efficiency Optimized	**Energy efficient product**

Use Again

Repack and remanufacture

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 and never end up in rubbish bins**

Image of product / Alternate images

Alternative