Product datasheet

Specifications

Green Premium™

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

Main Input Voltage	230 V
Main Output Voltage	230 V
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
Number Of Rack Unit	5U
Battery Type	VRLA
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

Batteries & Runtime

Run Time	View Runtime Graph
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

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

General

Number Of Power Module Filled Slots	0
Number Of Power Module Free Slots	0
Redundant	No

Physical

Colour	Black
Height	22.2 cm
Width	48.3 cm
Depth	66 cm
Net Weight	97.73 kg
Mounting Location	Front
Mounting Preference	No preference
Mounting Mode	Rack-mounted
Two Post Mountable	0
Usb Compatible	No

Input

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

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
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	0.00…15240.00 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	2 years repair or replace

Sustainability

Green Premium™ label is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO_2 products.

Learn more about Green Premium >

Energy Efficient | Take-back | Transparency | RoHS/REACh

Resource performance

- Energy Efficient Product
- Take-Back Program Available

Well-being performance

Rohs Exemption Information	Yes

Certifications & Standards

Reach Regulation	REACh Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration Product out of China RoHS scope. Substance declaration for your information
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information