

# Product datasheet

Specifications



## APC Smart-UPS 5000VA 230V Rackmount/Tower

SUA5000RMI5U

### Overview

<b>Presentation</b>	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.
<b>Lead time</b>	Usually Ships within 4 Weeks

### Main

<b>Main Input Voltage</b>	230 V
<b>Main Output Voltage</b>	230 V
<b>Other Output Voltage</b>	220 V 240 V
<b>Rated power in W</b>	4000 W
<b>Rated power in VA</b>	5000 VA
<b>Output connection type</b>	8 IEC 320 C13 4 IEC Jumpers 2 IEC 320 C19
<b>Number of rack unit</b>	5U
<b>Battery type</b>	VRLA
<b>Provided equipment</b>	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

<b>Additional information</b>	Configurable for 220 : 230 or 240 nominal output voltage
<b>Extended runtime</b>	0
<b>Number of battery filled slots</b>	0
<b>Number of battery free slots</b>	0
<b>Battery recharge time</b>	3 h
<b>Number of battery replacement quantity</b>	2
<b>Battery life</b>	3...5 year(s)
<b>Replacement battery</b>	<a href="#">RBC55</a>
<b>Battery power in VAh</b>	1632 VAh runtime

---

Battery charger power	542 W rated
-----------------------	-------------

## 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

## Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	<a href="#">REACH Declaration</a>
EU RoHS Directive	Compliant <a href="#">EU RoHS Declaration</a>
Mercury free	Yes
RoHS exemption information	<a href="#">Yes</a>
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

<b>Circularity Profile</b>	<a href="#">End of Life Information</a>
<b>WEEE</b>	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
<b>Optimized Energy Efficiency</b>	Energy efficient product
<b>Take-back</b>	Take-back program available

### Contractual warranty

<b>Warranty</b>	2 years repair or replace
-----------------	---------------------------

### Recommended replacement(s)