

# Product datasheet

Specifications



## APC Smart-UPS 1000VA USB & Serial RM 1U 230V

SUA1000RMI1U

### 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**

### Main

<b>Main Input Voltage</b>	230 V
<b>Main Output Voltage</b>	230 V
<b>Rated power in W</b>	640 W
<b>Rated power in VA</b>	1000 VA
<b>Input Connection Type</b>	IEC 320 C14
<b>Output connection type</b>	4 IEC 320 C13 2 IEC Jumpers
<b>Number of rack unit</b>	1U
<b>Number of cables</b>	1
<b>Battery type</b>	Lead-acid battery
<b>Provided equipment</b>	CD with software Rack mounting brackets Rack mounting support rails Smart UPS signalling RS-232 cable User manual USB cable

### General

<b>Number of power module filled slots</b>	0
<b>Number of power module free slots</b>	0
<b>Redundant</b>	No

### Physical

<b>Colour</b>	Black
<b>Height</b>	4.4 cm
<b>Width</b>	43.2 cm
<b>Depth</b>	66 cm
<b>Net weight</b>	21.82 kg

<b>Mounting location</b>	Front
<b>Mounting preference</b>	Lower
<b>Mounting mode</b>	Rack-mounted
<b>Two post mountable</b>	0
<b>USB compatible</b>	Yes

## Input

<b>Input voltage limits</b>	151...302 V adjustable 160...286 V
<b>Network frequency</b>	50/60 Hz +/- 3 Hz auto-sensing

## Output

<b>Harmonic distortion</b>	Less than 5 % at full load
<b>Maximum configurable power in VA</b>	1000 VA
<b>Maximum configurable power in W</b>	640 W
<b>UPS type</b>	Line interactive
<b>Wave type</b>	Sine wave
<b>Output frequency</b>	47...53 Hz for 50 Hz nominal sync to mains 57...63 Hz for 60 Hz nominal sync to mains

## Conformance


<b>Product certifications</b>	C-Tick CE GOST VDE
<b>Standards</b>	EN/IEC 62040-1:2019/A11:2021 EN/IEC 62040-2:2006/AC:2006 EN/IEC 62040-2:2018

## Environmental

<b>Acoustic level</b>	55 dBA
<b>Heat dissipation</b>	130 Btu/h
<b>Operating altitude</b>	0...10000 ft
<b>Ambient air temperature for operation</b>	0...40 °C
<b>Ambient air temperature for storage</b>	-15...45 °C
<b>Storage altitude</b>	0.00...15240.00 m
<b>Relative humidity</b>	0...95 %
<b>Storage Relative Humidity</b>	0...95 %

## 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>	2 h
<b>Number of battery replacement quantity</b>	1

Battery life	4...6 year(s)
Replacement battery	<a href="#">RBC34</a> 
Battery power in VAH	216 VAh runtime
Battery charger power	107 W rated

## Communications & Management

Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Control panel	LED status display with load and battery bar-graphs and on line : on battery : replace battery : and overload indicators
Free slots	1

## 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

Package 1 Length	77.5 cm
Package 2 Width	55.9 cm
Package 2 Height	19.1 cm
Package 2 Weight	25.45 kg
Package 1 Width	55.9 cm
Package 1 Height	19.1 cm
Package 1 Weight	25.45 kg
Number of Units in Package 2	1
Unit Type of Package 2	CAR
Package 2 Length	77.5 cm

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

## Contractual warranty

Warranty	2 years repair or replace
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