

# Product datasheet

Specifications



APC Smart-UPS, Line Interactive,  
1000VA, Rackmount 2U, 230V, 4x  
IEC C13 outlets, SmartSlot, AVR,  
LCD

SMT1000RM12U

**Price: 13,104.29 ZAR**

## 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 in Stock

## Main

<b>Main Input Voltage</b>	230 V AC 1 phase
<b>Input voltage</b>	220 V 240 V
<b>Input Connection Type</b>	IEC 320 C14
<b>Input voltage limits</b>	151...302 V adjustable 160...286 V
<b>Network frequency</b>	50/60 Hz +/- 3 Hz auto-sensing
<b>Output voltage</b>	230 V AC 1 phase
<b>Output voltage</b>	220 V 240 V
<b>Rated power in W</b>	700 W
<b>rated power in VA</b>	1000 VA
<b>Output connection type</b>	4 IEC 320 C13 2 IEC Jumpers
<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>	700 W
<b>Transfer time</b>	2 ms typical
<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

## Complementary

<b>Battery type</b>	Lead-acid battery
<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

Excluding VAT and subject to change. Please check with your local distributor through "Where to buy"

Number of battery free slots	0
Battery recharge time	3 h
Number of battery replacement quantity	1
Battery life	4...6 year(s)
Battery charger power	112 W rated
Battery type	Lead-acid internal included
Control panel	Multifunction LCD status and control console
Emergency power off	Optional
Free slots	1
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
UPS connectivity	Serial port USB port Available expansion slot
Surge energy rate	459 J
Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449
Number of rack unit	2U
Number of cables	1
Colour	Black
Height	85 mm
Width	480 mm
Depth	475 mm
Net weight	28.18 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	Yes
Mounting mode	Rack-mounted with included kit
Provided equipment	USB cable Documentation CD Installation guide Rack mounting support rails Smart UPS signalling RS-232 cable
Number of power module	0
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Range of product	Smart-UPS
Product or component type	Uninterruptible power supply (UPS)
Performance multiplier	1
Number of tare power	17 W
Value multiplier	1

Size UPS version	Internetworking Server Telecom
Curve equation	Efficiency
Curve fixed loss	0.0133
Curve load maximum	100 %
Curve load minimum	2 %
Curve proportional loss	0.0013
Curve square loss	0.0039
Curve test cond ID	Curve fit to measured efficiency data. All measurements taken in normal operating mode, at typical environmental conditions, with nominal electrical input and balanced resistive load (PF = 1.0) output.
Curve X-axis maximum	100 %
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Graph display	1
Show note OP temperature	No
Battery curve	Z
Liquid value	0
Battery power in VAH	336 VAh runtime
UPS size	S

## Environment

Product certifications	CSA EAC RCM VDE
Standards	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	45 dBA
Heat dissipation	56 Btu/h
Operating altitude	0...10000 ft

## Packing Units

<b>Unit Type of Package 1</b>	PCE
<b>Number of Units in Package 1</b>	1
<b>Package 1 Height</b>	25.000 cm
<b>Package 1 Width</b>	60.000 cm
<b>Package 1 Length</b>	60.000 cm
<b>Package 1 Weight</b>	30.400 kg
<b>Unit Type of Package 2</b>	PAM
<b>Number of Units in Package 2</b>	16
<b>Package 2 Height</b>	135.000 cm
<b>Package 2 Width</b>	100.000 cm
<b>Package 2 Length</b>	120.000 cm
<b>Package 2 Weight</b>	501.400 kg

## Contractual warranty

<b>Warranty (in months)</b>	36 UPS 24 Battery
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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 1223

## 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 B2b22a56-41f2-497e-9ea6-cf093b3b8bd3

REACH Regulation [REACH Declaration](#)



### Energy efficiency

Energy Efficiency Optimized Energy efficient product

## Use Longer



### Lifetime extension

Repair No

## Use Again



### Repack and remanufacture

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

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