Product data sheet

Specifications



APC Smart-UPS 5000VA 208V Rackmount/Tower

SUA5000RMT5U

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.

Main

Main input voltage	208 V AC 1 phase
Input connection	NEMA L6-30P
Efficiency at full load	131...268 V adjustable 141...255 V
Input frequency	50/60 Hz +/- 5 Hz manual switch
Output voltage	208 V AC 1 phase
Rated power in W	4000 W
Rated power in VA	5000 VA
Output connection	2 NEMA L6-20R 2 NEMA L6-30R
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 topology	Line interactive
Waveform type	Sine wave
Output frequency	47...53 Hz for 50 Hz nominal sync to mains 57...63 Hz for 60 Hz nominal sync to mains
Replacement battery	RBC55

Graphs

Run Time	View Runtime Graph
Efficiency	View Efficiency Graph

Complementary

Battery type	Lead-acid internal included
Control panel	LED status display with load and battery bar-graphs and on line : on battery : replace battery : and overload indicators
Emergency power off	Optional

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

Downloaded from Arrow.com.

Free slot	0
Preinstalled device	Network management card
Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
UPS connectivity	Serial port USB port Available expansion slot
Surge energy rating	480 J
Noise filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449
Number of rack unit	5U
Cable length	2.4 m
Number of cables	1
Color	Black
Height	222 mm
Width	483 mm
Depth	660 mm
Product weight	97.73 kg
Mounting location	Front
Mounting preference	Lower
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	No
Mounting mode	Rack-mounted with included kit
Provided equipment	CD with software Rack mounting support rails Smart UPS signalling RS-232 cable User manual Web/SNMP management card
Number of power modules	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)

Environment

Product certification	CSA
Equipment protection policy	Lifetime : $150000
Ambient air temperature for operation	0…45 °C
Ambient air temperature for storage	-5…55 °C
Storage altitude	0…15240 m
Relative humidity	0…95 %
Storage relative humidity	0…95 %
Acoustic level	53 dBA

Downloaded from Arrow.com.

Heat dissipation	344 Btu/h
Operating altitude	0...10000 ft

Batteries & Runtime

Battery type	Lead-acid battery
Extendable runtime	0
Included battery module	0
Empty battery slot	0
Typical recharge time	3 h
RBC quantity	2
Battery life	3…5 year(s)
Battery charging power	542 W rated

Packing Units

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

Contractual warranty

Warranty (in months)	24

Downloaded from Arrow.com.

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	**9 143 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**3 655 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**43 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**5 434 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**10 kg CO2 eq.**
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 By Exemption
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
California proposition 65	**WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov**

Use Longer

Lifetime extension

Repair	**No**

Use Again

Repack and remanufacture

Recyclability potential, in %	**58**
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**

Downloaded from Arrow.com.

Image of product / Alternate images

Alternative





Downloaded from Arrow.com.





Downloaded from Arrow.com.