Product data sheet
Characteristics

SUA5000RMI5U
APC Smart-UPS 5000VA 230V Rackmount/ Tower



Overview

Presentation	Intelligent and efficient network power protection from entry level to scalable runtime. Ideal UPS

Main

Main Input Voltage	230 V AC 1 phase
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 voltage	230 V AC 1 phase
Output voltage	220 V 240 V
Rated power in W	4000 W
Rated power in VA	5000 VA
Output connection type	8 IEC 60320 C13 4 IEC Jumpers 2 IEC 60320 C19
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

Complementary

Additional information	Configurable for 220 : 230 or 240 nominal output voltage
Battery type	Lead-acid internal included
Free slots	0
Preinstalled device	Network management card
Control panel	LED status display with on line : on battery : replace battery and overload indicators
UPS connectivity	Serial port USB port Available expansion slot

Surge energy rate	480 J
Noise suppression	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m
Number of rack unit	5U
Colour	Black
Height	222 Mm
Width	483 Mm
Depth	660 Mm
Net weight	97.73 Kg
Mounting location	Front
Mounting preference	No preference
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	No
Mounting mode	Rack-mounted with included kit
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
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)

Environment

Product certifications	C-Tick[RETURN]CE[RETURN]GOST[RETURN]VDE
Marking	GS Mark
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	53 dBA
Heat dissipation	430 Btu/H
Operating altitude	0...10000 ft

Batteries & Runtime

Battery type	Lead-acid battery
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)
Battery charger 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	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

Recyclability potential, in %	58
Total lifecycle Carbon footprint	10 505 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	3655.3729251893
Carbon footprint of the manufacturing phase [A1 to A3]	3 655 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	0.038072123
Carbon footprint of the distribution phase [A4]	0 kg CO2 eq.
Carbon footprint of the installation phase [A5]	43.2594109549
Carbon footprint of the installation phase [A5]	43 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	6796.2769490911
Carbon footprint of the use phase [B2, B3, B4, B6]	6 796 kg CO2 eq.
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	10.1352066951
Carbon footprint of the end-of-life phase [C1 to C4]	10 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	10505
Average percentage of recycled plastic content	15 %
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
SCIP Number	080b8d64-796e-42e7-a17d-31b86e55d143
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
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 a

Contractual warranty

Warranty (in months)	24

Product Life Status : Commercialised