

Product datasheet

Specifications



APC Smart-UPS RT 5000VA,
230V, with AP9610, hardwired I/O,
for 600mm deep rack, 3U, 1x hard
wire 3-wire (H N + E)

SURT5KSR3UXIX438

! To be discontinued

! Discontinued on: 01 Dec 2024

Overview

Presentation	Proven Industrial UPS power protection for control applications and harsh environments.
Lead time	Special Order - Call for Quoted Lead Times

Main

Main Input Voltage	230 V
Input voltage	208 V 220 V 240 V
Input voltage limits	160...280 V
Number of input connectors	1 hard wire 3-wire
Network frequency	50/60 Hz +/- 3 Hz auto-sensing
Output voltage	230 V
Output voltage	220 V 240 V
Rated power in W	4000 W
rated power in VA	5000 VA
Output connector type	Hard wire 3-wire (H N + E) for 1 zone(s)
Bypass type	Internal bypass (automatic and manual)
Crest factor	3 : 1
Harmonic distortion	Less than 3 %
UPS type	Double conversion online
Wave type	Sine wave
Efficiency	92 % (full load)
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains

Complementary

Battery type	External battery system
Extended runtime	1
Number of battery filled slots	0
Number of battery free slots	0
Battery recharge time	2.5 h

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

Number of battery replacement quantity	1
Battery charger power	382 W rated
Free slots	0
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Let through voltage rating	300 V
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
Number of rack unit	3U
Height	133 mm
Width	432 mm
Depth	545 mm
Net weight	18.18 kg
Mounting preference	No preference
Mounting mode	Rack-mounted
Two post mountable	0
USB compatible	No
Provided equipment	CD with software Documentation CD Relay board Smart UPS signalling RS-232 cable User manual
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Variant option	Industrial
Product or component type	Uninterruptible power supply (UPS)
Performance multiplier	1
Number of tare power	60 W
Value multiplier	1
Curve equation	Efficiency
Curve load maximum	100 %
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	C
Liquid value	0
UPS design life	7 year(s)
Battery power in VAH	960 VAh runtime
UPS size	WS

Environment

Product certifications	cUL listed CE FCC part 15 class A 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	55 dBA
Heat dissipation	1040 Btu/h
Operating altitude	0...10000 ft

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	25.4 cm
Package 1 Width	61 cm
Package 1 Length	50.8 cm
Package 1 Weight	20.45 kg

Contractual warranty

Warranty (in months)	24
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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 1395

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 with Exemptions

SCIP Number 409c68a1-39a6-4e5f-b080-12befe783ad8

REACH Regulation [REACH Declaration](#)

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



