

Product data sheet

Specifications



APC Smart-UPS RT 8000VA,
230V, no battery, rackmount w/kit,
6U, 4x IEC 60320 C13 & 4x IEC
Jumpers & 4x IEC 60320 C19
outlets

SURT8000UXICH

Overview

Lead Time	Usually in Stock
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Main

Main Input Voltage	230 V
Other Input Voltage	220 V 240 V
Main Output Voltage	230 V
Other Output Voltage	220 V 240 V
Rated Power In W	6400 W
Rated Power In Va	8000 VA
Nb Of Power Socket Outlets	4 IEC 60320 C13 4 IEC Jumpers 4 IEC 60320 C19
Output Connector Type	Hard wire 3-wire (H N + E) 1
Number Of Rack Unit	6U
Battery Type	External battery system
Provided Equipment	CD with software Service manual Smart UPS signalling RS-232 cable User manual Web/SNMP management card

Batteries & Runtime

Run Time	View Runtime Graph
Number Of Battery Free Slots	4
Additional Information	Configurable for 220 : 230 or 240 nominal output voltage
Battery Power In Vah	0 VAh runtime
Battery Option	SURT192XLBP 1 1920 VAh SURT192XLBP 2 3840 VAh SURT192XLBP 3 5760 VAh SURT192XLBP 4 7680 VAh SURT192XLBP 5 9600 VAh SUBP32-2 1 12672 VAh SUBP32-4 1 23040 VAh SUBP32-6 1 38400 VAh
Extended Runtime	1

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

General

Number Of Power Module Free Slots	0
Number Of Power Module Filled Slots	0
Redundant	No

Physical

Colour	Black
Height	43.2 cm
Width	26.3 cm
Depth	72.39 cm
Net Weight	41.82 kg
Mounting Location	Front
Mounting Preference	Lower
Mounting Mode	Rack-mounted with kit
Two Post Mountable	0
Usb Compatible	No

Input

Network Frequency	50/60 Hz +/- 5 Hz auto-sensing
Number Of Input Connectors	1 hard wire 3-wire (1P + N + E) 1 hard wire 5-wire (3P + N + E)
Input Voltage Limits	160...280 V

Output

Maximum Configurable Power In W	6400 W
Harmonic Distortion	Less than 3 %
Output Frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains
Crest Factor	3 : 1
Ups Type	Double conversion online
Wave Type	Sine wave
Bypass Type	Internal bypass (automatic and manual)
Efficiency	92 % (full load)
Maximum Configurable Power In Va	8000 VA

Conformance

Product Certifications	C-Tick CE GOST VDE
Standards	EN 50091-1 EN 50091-2 EN 55022 class A EN 60950 EN 61000-3-2

Environmental

Ambient Air Temperature For Operation	0...40 °C
Relative Humidity	0...95 % non-condensing
Operating Altitude	0...10000 ft
Ambient Air Temperature For Storage	-15...45 °C
Storage Relative Humidity	0...95 % Non-condensing
Storage Altitude	0.00...15240.00 m
Acoustic Level	55 dBA
Heat Dissipation	1535 Btu/h
Ip Degree Of Protection	IP20

Communications & Management

Free Slots	0
Preinstalled Device	Network management card 2 with environmental monitoring - Schneider
Control Panel	LED status display with load and battery bar-graphs and on line : on battery : replace battery : overload and bypass indicators
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency Power Off	Yes

Surge Protection and Filtering

Surge Energy Rate	1265 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 Height	55.2 cm
Package 1 Width	59.7 cm
Package 1 Length	99.1 cm
Package 1 Weight	60 kg
Number Of Units In Package 3	2

Contractual warranty

Warranty	2 years repair or replace
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Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. **Green Premium** promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low- products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)



Energy Efficient Take-back Transparency RoHS/REACH

Resource performance

✓ Energy Efficient Product

✓ Take-Back Program Available

Well-being performance

✓ Mercury Free

✓ Rohs Exemption Information [Yes](#)

Certifications & Standards

Reach Regulation [REACH Declaration](#)

Eu Rohs Directive Compliant
[EU RoHS Declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)