

Product data sheet

Specifications



APC Smart-UPS RT 6000VA,
100/200V, rackmount, 3U, 4x
NEMA 5-20R & 1x NEMA L6-30R
& 1x NEMA L14-30R outlets

SURTD6000RMXLJP3U

Overview

Lead Time	Usually in Stock
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Main

Main Input Voltage	100 V 200 V
Main Output Voltage	100 V 200 V
Rated Power In W	4200 W
Rated Power In Va	6000 VA
Input Connection Type	NEMA L14-30P
Nb Of Power Socket Outlets	4 NEMA 5-20R 1 NEMA L6-30R 1 NEMA L14-30R
Number Of Rack Unit	3U
Cable Length	3.05 m
Number Of Cables	1
Battery Type	Lead-acid battery
Provided Equipment	CD with software Rack mounting support rails Smart UPS signalling RS-232 cable User manual

Batteries & Runtime

Run Time	View Runtime Graph
Number Of Battery Filled Slots	2
Battery Recharge Time	3 h
Number Of Battery Replacement Quantity	1
Battery Charger Power	319 W rated
Battery Power In Vah	960 VAh runtime
Battery Life	3...5 year(s)
Replacement Battery	APCRBC140J

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

Battery Option	SURT192XLBPJ 1 2880 VAh SURT192XLBPJ 2 4800 VAh SURT192XLBPJ 3 6720 VAh SURT192XLBPJ 4 8640 VAh SURT192XLBPJ 5 10560 VAh SURT192XLBPJ 6 12480 VAh SURT192XLBPJ 8 16320 VAh SURT192XLBPJ 10 20160 VAh
Extended Runtime	1

General

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

Physical

Colour	Black
Height	13 cm
Width	43.2 cm
Depth	73.5 cm
Net Weight	58.18 kg
Mounting Location	Front
Mounting Preference	Lower
Mounting Mode	Rack-mounted
Two Post Mountable	0
Usb Compatible	No

Input

Network Frequency	50/60 Hz +/- 5 Hz auto-sensing
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Output

Maximum Configurable Power In W	4200 W
Harmonic Distortion	Less than 2 %
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
Output Voltage Tolerance	+/- 1% static and +/- 5% at 100% load step
Bypass Type	Internal bypass (automatic and manual)
Efficiency	86 % (full load)
Maximum Configurable Power In Va	6000 VA

Conformance

Product Certifications	CSA
Standards	FCC part 15 class A UL 1778

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	2329 Btu/h
Ip Degree Of Protection	IP20

Communications & Management

Free Slots	0
Preinstalled Device	Network management card 2 with environmental monitoring - Japan
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	365 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	34.7 cm
Package 1 Width	60.3 cm
Package 1 Length	98 cm
Package 1 Weight	72.27 kg
Number Of Units In Package 3	6

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](#)