

Product data sheet

Specifications



APC Smart-UPS RT 6000VA,
208V, rackmount, 3U, 4x 5-20R &
1x L6-30R & 1x L14-30R NEMA
outlets, with 208/240 (Split-Phase)
to 120

SURTD6000RMXLP3U

Overview

Lead Time	Usually in Stock
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Main

Main Input Voltage	208 V
Other Input Voltage	240 V
Main Output Voltage	120 V 208 V
Other Output Voltage	240 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 Removable support feet Smart UPS signalling RS-232 cable User manual

Batteries & Runtime

Run Time	View Runtime Graph
Number Of Battery Filled Slots	2
Battery Recharge Time	2.5 h
Number Of Battery Replacement Quantity	1
Additional Information	Configurable for 208 or 240 nominal output voltage
Battery Charger Power	382 W rated
Battery Power In Vah	960 VAh runtime
Battery Life	3...5 year(s)

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

Replacement Battery	APCRBC140 
	SRT192BP2US 
	SRT192RMBPUS 
	SURT192XLBP-IN 

Battery Option	SURT192RMXLBP3U 1 2880 VAh SURT192RMXLBP3U 2 4800 VAh SURT192RMXLBP3U 3 6720 VAh SURT192RMXLBP3U 4 8640 VAh SURT192RMXLBP3U 5 10560 VAh SURT192RMXLBP3U 6 12480 VAh SURT192RMXLBP3U 8 16320 VAh SURT192RMXLBP3U 10 20160 VAh
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Extended Runtime	1
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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	66 cm
Net Weight	58.06 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
Input Voltage Limits	85...136 V adjustable 156...236 V

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
Bypass Type	Internal bypass (automatic and manual)
Efficiency	90 % (full load)

Maximum Configurable Power In Va	6000 VA
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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	1780 Btu/h
Ip Degree Of Protection	IP20

Communications & Management

Free Slots	0
Preinstalled Device	Network management card 2 with environmental monitoring
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	480 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	72.12 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
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
Circularity Profile	End of Life Information