

Product data sheet

Specifications



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

SURTD5000RMXLP3U

Overview

Presentation	High density, double-conversion on-line power protection with scalable runtime.
Lead time	Usually in Stock

Main

Main Input Voltage	208 V
product or component type	Uninterruptible power supply (UPS)
Other Input Voltage	240 V
Main Output Voltage	120 V 208 V
Other Output Voltage	240 V
Rated power in W	4000 W
Rated power in VA	5000 VA
Input Connection Type	NEMA L14-30P
output connection type	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
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
Battery type	Lead-acid battery
Number of battery filled slots	2
Battery recharge time	2.5 h
Number of battery replacement quantity	1
Battery charger power	382 W rated
Battery life	3...5 year(s)
Replacement battery	APCRBC140
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

UPS type	Double conversion online
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 VA	5000 VA
Maximum configurable power in W	4000 W
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 Hz sync to mains
Wave type	Sine wave
Efficiency	90 % (full load)
Harmonic distortion	Less than 2 %
Crest factor	3 : 1
Bypass type	Internal bypass (automatic and manual)
Additional information	Configurable for 208 or 240 nominal output voltage

Conformance

Product certifications	CSA
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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	0.0000000000...15240.0000000000 m
Acoustic level	55 dBA
heat dissipation	1589 Btu/h
IP degree of protection	IP20

Communications & Management

Free slots	0
Preinstalled device	Network management card 2 with environmental monitoring
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

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	34.7 cm
Package 1 Width	98 cm
Package 1 Length	60.3 cm
Package 1 Weight	72.12 kg

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-CO₂ 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 >](#)

[Guide to assess a product's sustainability >](#)



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 with Exemptions

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)

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