

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
Kw Rating	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	10 ft (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
Range of Product	Smart-UPS On-Line

Batteries & Runtime

Run Time	View Runtime Graph
Battery Type	Lead-Acid battery
Included Battery Modules	2
Typical recharge time	2.5 h
RBC Quantity	1
Battery Charge Power (Watts)	382 W rated
Battery life	3...5 year(s)
Replacement battery	APCRBC140

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

Extendable Run Time	1
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General

Topology	Double Conversion Online
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Number of power module free slots	0
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Number of power module filled slots	0
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Redundant	No
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Physical

color	Black
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Height	5.1 in (13 cm)
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Width	17.008 in (43.2 cm)
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Depth	26.0 in (66 cm)
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Net Weight	128.0005 lb(US) (58.06 kg)
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mounting location	Front
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Mounting preference	Lower
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Mounting Mode	Rack-mounted
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Two post mountable	0
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USB compatible	No
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Input

Input Frequency	50/60 Hz +/- 5 Hz auto-sensing
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Efficiency at full load	85...136 V adjustable 156...236 V
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Output

Maximum configurable power in VA	5000 VA
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Max Configurable Power (Watts)	4000 W
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Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 sync to mains
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Waveform Type	Sine wave
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Efficiency at full load	90 % full load)
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Harmonic distortion	Less than 2%
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Crest factor	3 : 1
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Bypass type	Internal Bypass (Automatic and Manual)
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Additional information	Configurable for 208 or 240 nominal output voltage
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Conformance

Product Certifications	CSA
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Environmental

Ambient Air Temperature for Operation	32...104 °F (0...40 °C)
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Relative Humidity	0...95 % non-condensing
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Operating altitude	0...10000 ft
Ambient Air Temperature for Storage	5...113 °F (-15...45 °C)
Storage Relative Humidity	0...95 % non-condensing
Storage altitude	0...50000 ft (0.0000000000...15240.0000000000 m)
acoustic level	55 dBA
Online Thermal Dissipation	1589 Btu/h
IP degree of protection	IP20

Communications & Management

Free slots	0
Pre-Installed SmartSlot™ Cards	Network management card 2 with environmental monitoring
Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency Power Off (EPO)	Yes

Surge Protection and Filtering

Surge energy rating	365 J
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m

Ordering and shipping details

Category	11309 - APC RESALE PRODUCTS
GTIN	731304258810
Returnability	No
Country of origin	PH

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.7 in (34.7 cm)
Package 1 Width	38.6 in (98 cm)
Package 1 Length	23.7 in (60.3 cm)
Package 1 Weight	159.00 lb(US) (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