

# 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	<a href="#">View Runtime Graph</a>
Battery Type	Lead-Acid battery
Extendable Run Time	1
Included Battery Modules	2
Typical recharge time	2.5 h
RBC Quantity	1
Battery life	3...5 year(s)
Replacement battery	<a href="#">APCRBC140</a>

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

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Battery Charge Power (Watts)	382 W rated
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## General

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

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color	Black
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Height	5.12 in (13 cm)
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Width	17.01 in (43.2 cm)
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Depth	25.98 in (66 cm)
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Product 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

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

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

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Product Certifications	CSA
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## Environmental

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

## Communications & Management

Emergency Power Off (EPO)	Yes
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

## 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

## Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	13.66 in (34.7 cm)
Package 1 Width	38.58 in (98 cm)
Package 1 Length	23.74 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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## Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

Environmental footprint	
Carbon footprint (kg CO2 eq, Total Life cycle)	13018
Environmental Disclosure	<a href="#">Product Environmental Profile</a>

### Use Better

Materials and Substances	
Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
<a href="#">EU RoHS Directive</a>	Compliant with Exemptions
REACH Regulation	<a href="#">REACH Declaration</a>
California proposition 65	<b>WARNING:</b> 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 <a href="http://www.P65Warnings.ca.gov">www.P65Warnings.ca.gov</a>

Energy efficiency	
Optimized Energy Efficiency	Energy efficient product

### Use Again

Repack and remanufacture	
Circularity Profile	<a href="#">End of Life Information</a>
Removable battery	User replaceable
Take-back	Yes

# Product data sheet    SURTD5000RMXLP3U

Image of product / Alternate images

Alternative

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