

Product data sheet

Specifications



APC Smart-UPS RT 6kVA, 208V,
Rack, 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

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	4200 W
Rated power in VA	6000 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
Extendable Run Time	1

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

General

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

Physical

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

Input

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

Output

Maximum configurable power in VA	6000 VA
Max Configurable Power (Watts)	4200 W
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 sync to mains
Waveform Type	Sine wave
Efficiency at full load	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	32...104 °F (0...40 °C)
Relative Humidity	0...95 % non-condensing
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	1780 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	480 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	731304258827
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