

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

Product availability: Non-Stock - Not normally stocked in distribution facility

Overview

Lead time Usually in Stock

Main

Main Input Voltage	120 V AC 1 phase 208 V AC 1 phase
Other Input Voltages	240 V
Input Connection Type	NEMA L14-30P
Efficiency at full load	85...136 V adjustable 156...236 V
Input Frequency	50/60 Hz +/- 5 Hz auto-sensing
Output voltage	120 V AC 1 phase 208 V AC 1 phase
Other Output Voltages	240 V
Rated power in W	4200 W
rated power in VA	6000 VA
output connection type	4 NEMA 5-20R 1 NEMA L6-30R 1 NEMA L14-30R
Bypass type	Internal Bypass (Automatic and Manual)
Crest factor	3 : 1
Harmonic distortion	Less than 2%
Maximum configurable power in VA	6000 VA
Max Configurable Power (Watts)	4200 W
Topology	On-Line
Waveform Type	Sine wave
Efficiency at full load	90 % full load)
Output frequency	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 sync to mains
Replacement battery	APCRBC140

Graphs

Run Time [View Runtime Graph](#)

Complementary

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

Additional information	Configurable for 208 or 240 nominal output voltage
Battery Size	Lead-acid internal included
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
UPS connectivity	Serial port USB port Pre-installed network management card 3
Surge energy rating	480 J
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : m
Number of rack unit	3U
Cable length	10 ft (3.05 m)
Number of cables	1
color	Black
Height	5.1 in (130 mm)
Width	17.008 in (432 mm)
Depth	26.0 in (660 mm)
Product 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
Mounting mode	Rack-mounted
Provided equipment	CD with software Rack Mounting support rails Removable support feet Smart UPS signalling RS-232 cable User Manual
Number of power module filled slots	0
Number of power module free slots	0
Redundant	No
Range of Product	Smart-UPS On-Line
Product or Component Type	Uninterruptible power supply (UPS)

Environment

Product Certifications	CSA
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...15240 m)
IP degree of protection	IP20

Relative Humidity	0...95 % non-condensing
Storage Relative Humidity	0...95 % non-condensing
Acoustic level	55 dBA
Online Thermal Dissipation	1780 Btu/h
Operating altitude	0...10000 ft

Batteries & Runtime

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)
Battery Charge Power (Watts)	382 W rated

Ordering and shipping details

Category	11309 - APC RESALE PRODUCTS
GTIN	731304258827
Returnability	No

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	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 weight(Lbs)	159.00 lb(US) (72.12 kg)

Contractual warranty

Warranty (in months)	24
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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

Total lifecycle Carbon footprint	17 969 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	881 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	10 kg CO2 eq.
Carbon footprint of the installation phase [A5]	0 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	17 070 kg CO2 eq.
Carbon footprint of the end-of-life phase [C1 to C4]	9 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile

Use Better



Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant By Exemption
REACH Regulation	Reference contains Substances of Very High Concern above the threshold
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

Use Longer



Lifetime extension

Repair	No
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Use Again



Repack and remanufacture

Recyclability potential, in %	65
Circularity Profile	End of Life Information
Removable battery	User replaceable
Take-back	Yes
WEEE Label	 The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.

Image of product / Alternate images

Alternative

