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
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	APCRBC140
Battery Charge Power (Watts)	382 W rated

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

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

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

Physical

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

Input

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

Output

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
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
Additional information	Configurable for 208 or 240 nominal output voltage

Conformance

Product Certifications	CSA

Environmental

Acoustic level	55 dBA
Online Thermal Dissipation	1780 Btu/h
Operating altitude	0...10000 ft
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	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

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

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)	13474
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 with Exemptions
REACh Regulation	REACh Declaration
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

Energy efficiency

Optimized Energy Efficiency	Energy efficient product

Use Again

Repack and remanufacture

Circularity Profile	End of Life Information
Removable battery	User replaceable
Take-back	Yes

Image of product / Alternate images

Alternative



