

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
Battery type	Lead-Acid battery
Provided equipment	CD with software Rack Mounting support rails Removable support feet Smart UPS signalling RS-232 cable User Manual

Batteries & Runtime

Included Battery Modules	2
Typical recharge time	2.5 h
RBC Quantity	1
Additional information	Configurable for 208 or 240 nominal output voltage
Battery Charge Power (Watts)	382 W rated
Battery power in VAH	960 VAh runtime

Battery Life	3...5 year(s)
Replacement battery	APCRBC140 
Battery option	SURT192RMXLBP3U 1 2880 VAh SURT192RMXLBP3U 2 4800 VAh SURT192RMXLBP3U 3 6720 VAh SURT192RMXLBP3U 4 8640 VAh SURT192RMXLBP3U 5 10560 VAh SURT192RMXLBP3U 6 12480 VAh SURT192RMXLBP3U 8 16320 VAh SURT192RMXLBP3U 10 20160 VAh
Extendable Run Time	1

General

Number of power module free slots	0
Number of power module filled slots	0
Redundant	No

Physical

Color	Black
Height	5.12 in (13 cm)
Width	17.01 in (43.2 cm)
Depth	25.98 in (66 cm)
Net Weight	128.00 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

Max Configurable Power (Watts)	4000 W
Harmonic distortion	Less than 2%
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1 sync to mains
Crest factor	3 : 1
Topology	Double Conversion Online
Waveform Type	Sine wave
Bypass type	Internal Bypass (Automatic and Manual) 90 % full load)
Maximum configurable power in VA	5000 VA

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 (0.00...15240.00 m)
Acoustic level	55 dBA
Heat 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

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)

Offer Sustainability

Sustainable offer status	Green Premium product
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
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes

Environmental Disclosure	Product Environmental Profile
Circularity Profile	End of Life Information
Optimized Energy Efficiency	Energy efficient product
Take-back	Take-back program available

Contractual warranty

Warranty	2 years repair or replace
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Recommended replacement(s)