Product data sheet
Characteristics

SURTD5000RMXLP3U
APC Smart-UPS RT 5000VA RM 208/240 (Split-Phase) to 120, 208/240



Overview

Presentation	High density, double-conversion on-line power protection with scalable runtime.
Lead time	Usually in Stock

General

Provided equipment	CD with software Rack Mounting support rails Removable support feet Smart UPS signalling RS-232 cable User Manual
Performance multiplier	1
Number of tare power	60 W
Number of power module free slots	0
Number of power module filled slots	0
Redundant	No
Size UPS version	Internetworking Server Telecom
UPS size	S
Value multiplier	1

Physical

Cable length	10 ft (3.05 m)
Number of rack unit	3U
Color	Black
Depth	25.98 in (66 cm)
Height	5.12 in (13 cm)
Mounting Location	Front
Mounting preference	Lower
Product Weight	128.00 lb(US) (58.06 kg)
Mounting Mode	Rack-mounted
Two post mountable	0
USB compatible	No
Width	17.01 in (43.2 cm)

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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.
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Input

Input Frequency	50/60 Hz +/- 5 Hz auto-sensing
Plug standard	NEMA L14-30P
Efficiency at full load	85...136 V adjustable 156...236 V
Other Input Voltages	240 V
Number of cables	1
Nominal Input Voltage	208 V

Output

Kw Rating	4000 W
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
Other Output Voltages	240 V
Crest factor	3 : 1
Topology	Double Conversion Online
Waveform Type	Sine wave
Nb of power socket outlets	4 NEMA 5-20R 1 NEMA L6-30R 1 NEMA L14-30R
Bypass type	Internal Bypass (Automatic and Manual)
Curve equation	Efficiency
Curve load maximum	100 %
Curve X-axis maximum	100 %
Curve X-axis minimum	0 %
Curve X-axis title	Load
Curve X-axis units	Percentage
Curve Y-axis maximum	100 %
Curve Y-axis minimum	50 %
Curve Y-axis title	Efficiency
Curve Y-axis units	Percentage
Efficiency at full load	90 % full load)
Graph display	1
Output voltage	120 V 208 V
Maximum configurable power in VA	5000 VA
Rated power in VA	5000 VA

Conformance

Product Certifications	CSA
Standards	FCC Part 15 class A UL 1778

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
Show note OP temperature	No
IP degree of protection	IP20

Batteries & Runtime

Battery Type	Lead-Acid battery
Included Battery Modules	2
Typical recharge time	2.5 h
RBC Quantity	1
Additional information	Configurable for 208 or 240 nominal output voltage
Liquid Electrolyte Value	0
Battery curve	C
Battery Charge Power (Watts)	382 W rated
Battery power in VAH	960 VAh runtime
Battery life	3…5 year(s)
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

Communications & Management

Free slots	0
Pre-Installed SmartSlot™ Cards	Network management card 2 with environmental monitoring
Control panel	LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : Overload and Bypass Indicators
Audible 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	00731304258810
Nbr. of units in pkg.	1
Package weight(Lbs)	1 lb(US) (0.45 kg)
Returnability	No

Packing Units

Package 1 Height	13.66 in (34.7 cm)
Package 1 width	23.74 in (60.3 cm)
Package 1 Length	38.58 in (98 cm)
Number of Units in Package 3	6

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