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[Return to Uninterruptible Power Supply \(UPS\)](#)

Smart-UPS On-Line

APC Smart-UPS RT 5000VA RM 208V to 208/120V







APC Smart-UPS On-Line, 4000 Watts / 5000 VA, Input 208V / Output 120V, 208V, Interface Port RJ-45 10/100 Base-T, SmartSlot, Extended runtime model, Rack Height 3 U

Includes: CD with software, Rack Mounting support rails, Removable support feet, Smart UPS signalling RS-232 cable, User Manual

Standard Lead Time: Usually in Stock

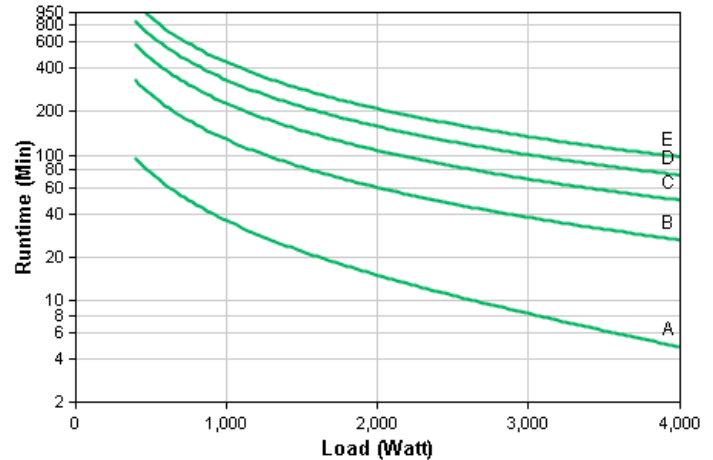
SURTD5000RMXLP3U

[Email Technical Specifications](#)
[Printer Friendly](#)

Output		
Output Power Capacity	4000 Watts / 5000 VA	
Max Configurable Power	4000 Watts / 5000 VA	
Nominal Output Voltage	120V, 208V	
Output Voltage Note	Configurable for 208 or 240 nominal output voltage	
Efficiency at Full Load	90.0%	
Output Voltage Distortion	Less than 2%	
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1	
Other Output Voltages	240	
Crest Factor	3 : 1	
Topology	Double Conversion Online	
Waveform Type	Sine wave	
Output Connections	(4) NEMA 5-20R	
	(1) NEMA L14-30R	
	(1) NEMA L6-30R	
Bypass	Internal Bypass (Automatic and Manual)	
Input		
Nominal Input Voltage	208V	
Input Frequency	50/60 Hz +/- 5 Hz (auto sensing)	
Input Connections	NEMA L14-30P	
Cord Length	3.05 meters	
Input voltage range for main operations	156 - 236V	
Input voltage adjustable range for mains operation	85 - 136V	
Other Input Voltages	240	
Batteries & Runtime		

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Included Battery Modules	2
Typical recharge time	2.50 hour(s)
Replacement Battery	RBC44
RBC™ Quantity	1
Extended Run Options	APC Smart-UPS RT 5000VA RM 208V to 208/120V
Runtime Graph	

Curve	Part Number(s)
A	SURTD5000RMXLP3U
B	SURTD5000RMXLP3U + (1)SURT192RMXLBP3U
C	SURTD5000RMXLP3U + (2)SURT192RMXLBP3U
D	SURTD5000RMXLP3U + (3)SURT192RMXLBP3U
E	SURTD5000RMXLP3U + (4)SURT192RMXLBP3U



Hover over the line on the graph above to view the runtime at any desired load

Curve fit to measured runtime data. All measurements taken with new, fully charged batteries, at typical environmental conditions, with no electrical input and balanced resistive load (PF = 1.0) output.

[View Enlarged Graph](#)

[View Runtime Chart](#)

Communications & Management

Interface Port(s)	RJ-45 10/100 Base-T, SmartSlot
Pre-Installed SmartSlot™ Cards	AP9631
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 Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Physical

Maximum Height	130.00 mm
Maximum Width	432.00 mm
Maximum Depth	660.00 mm
Rack Height	3U
Net Weight	58.06 KG
Shipping Weight	72.12 KG
Shipping Height	347.00 mm
Shipping Width	603.00 mm
Shipping Depth	980.00 mm
Color	Black
Units per Pallet	6.00

Environmental

Operating Environment	0 - 40 °C
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Operating Relative Humidity	0 - 95%
Operating Elevation	0-3000 meters
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	0 - 95%
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of 55.00 dBA unit	
Online Thermal Dissipation	1589.00 BTU/hr
Conformance	
Regulatory Approvals	CSA, FCC Part 15 Class A, UL 1778
Standard Warranty	2 years repair or replace
Sustainable Offer Status	

**The time to recharge to 90% of full battery capacity following a discharge to shutdown using a load rated for 1/2 the full load rating of the UPS.