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APC Smart-UPS RT 3000VA Rack Mount 208V with 208V to 120V Step-Down Transformer

Part Number: SURTD3KRMXL3U-TF5



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Output

Output Power Capacity	2100 Watts / 3000 VA	
Max Configurable Power	2100 Watts / 3000 VA	
Nominal Output Voltage	120V,208V	
Output Voltage Note	Configurable for 208 or 240 nominal output voltage	
Efficiency at Full Load	92.0%	
Output Voltage Distortion	Less than 3%	
Output Frequency (sync to mains)	50/60 Hz +/- 3 Hz user adjustable +/- 0.1	
Crest Factor	3 : 1	
Waveform Type	Sine wave	
Output Connections	(12) NEMA 5-20R (2) NEMA L6-20R (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 L6-30P



Cord Length 10 feet (3.05 meters)

Input voltage range for main operations 160 - 280V

Input voltage adjustable range for mains operation 100 - 280V

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)

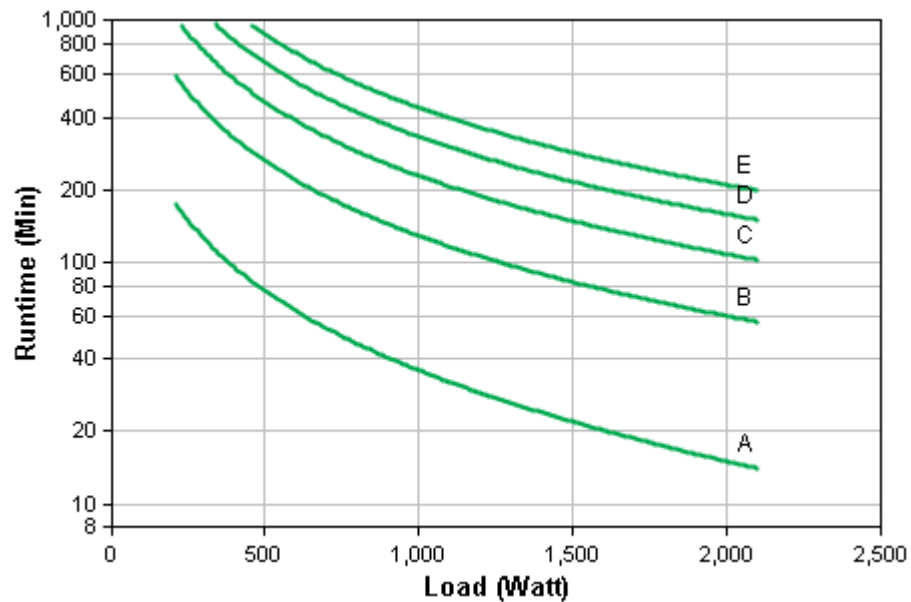
Replacement Battery [RBC44](#)

RBC™ Quantity 1

Extended Run Options [APC Smart-UPS RT 3000VA RacK Mount 208V with 208V to 120V Step-Down Transformer](#)

Runtime Graph

Curve	Part Number(s)
A	SURTD3KRMXL3U-TF5
B	SURTD3KRMXL3U-TF5 + (1)SURT192RMXLBP3U
C	SURTD3KRMXL3U-TF5 + (2)SURT192RMXLBP3U
D	SURTD3KRMXL3U-TF5 + (3)SURT192RMXLBP3U
E	SURTD3KRMXL3U-TF5 + (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 Base-T, SmartSlot
Available SmartSlot™ Interface Quantity	1
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	480 Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Physical

Maximum Height	8.60 inches (218 mm)
Maximum Width	19.00 inches (483 mm)
Maximum Depth	26.00 inches (660 mm)

Rack Height	5U
Net Weight	221.00 lbs. (100.45 kg)
Shipping Weight	258.00 lbs. (117.27 kg)
Shipping Height	23.68 inches (601 mm)
Shipping Width	23.73 inches (603 mm)
Shipping Depth	38.60 inches (980 mm)
Color	Black
Environmental	
Operating Environment	32 - 104 °F (0 - 40 °C)
Operating Relative Humidity	0 - 95%
Operating Elevation	0-10000 feet (0-3000 meters)
Storage Temperature	5 - 113 °F (-15 - 45 °C)
Storage Relative Humidity	0 - 95%
Storage Elevation	0-50000 feet (0-15000 meters)
Audible noise at 1 meter from surface of unit	55.00 dBA
Online Thermal Dissipation	636.00 BTU/hr
Conformance	
Regulatory Approvals	CSA,FCC Part 15 Class A,UL 1778
Standard Warranty	2 years repair or replace

*Except where noted, all prices are Estimated Resale Price (ERP) - Without Tax/VAT. Pricing in other locations and sites may vary.

**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.