

**Smart-UPS On-Line**

**APC Smart-UPS RT 3000VA Rack Tower 208V**

SURTD3000RMXL3U

[Email Technical Specifications](#)

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**Product Category**

- Computer and Peripheral (6)
- Home UPS (1)
- Network and Server
- > Smart-UPS
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- > **Smart-UPS On-Line**
- > Symmetra
- Data Center and Facility 3 Phase (15)
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APC Smart-UPS On-Line, 2100 Watts / 3000 VA, Input 208V / Output 208V, Interface Port RJ-45 10 Base-T, SmartSlot, Extended runtime model, Rack Height 3 U

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

**Standard Lead Time:** Usually in Stock



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

**Output**

Output Power Capacity	2100 Watts / 3000 VA
Max Configurable Power	2100 Watts / 3000 VA
Nominal Output Voltage	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
Other Output Voltages	240
Crest Factor	3 : 1
Topology	Double Conversion Online
Waveform Type	Sine wave
Output Connections	(2) NEMA L6-20R 
	(2) 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	3.05 meters
Input voltage range for main operations	160 - 280V
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	<a href="#">RBC44</a>

Replacement Battery

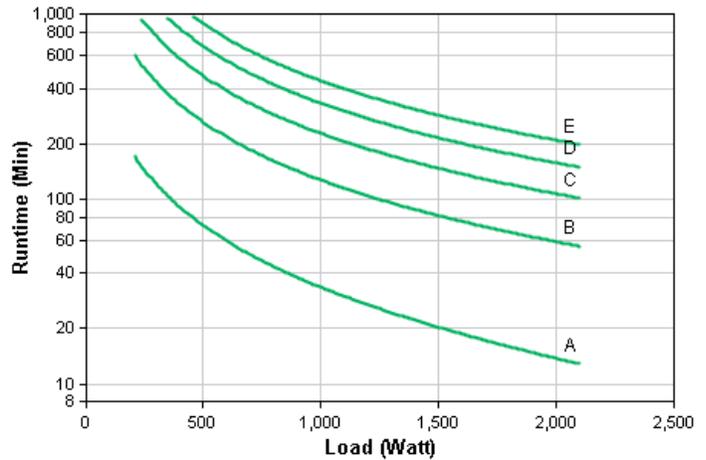
[NBD371](#)

RBC™ Quantity 1

Extended Run Options [APC Smart-UPS RT 3000VA Rack Tower 208V](#)

## Runtime Graph

Curve	Part Number(s)
A	SURTD3000RMXL3U
B	SURTD3000RMXL3U + (1)SURT192RMXLBP3U
C	SURTD3000RMXL3U + (2)SURT192RMXLBP3U
D	SURTD3000RMXL3U + (3)SURT192RMXLBP3U
E	SURTD3000RMXL3U + (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	130.00 mm
Maximum Width	432.00 mm
Maximum Depth	660.00 mm
Rack Height	3U
Net Weight	54.55 KG
Shipping Weight	63.64 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
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	636.00 BTU/hr
<b>Conformance</b>	
Regulatory Approvals	CSA, FCC Part 15 Class A, OSHPD, UL 1778
Standard Warranty	2 years repair or replace
<b>Sustainable Offer Status</b>	
RoHS	Compliant

\*\*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.