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Smart-UPS On-Line

APC Smart-UPS RT 10,000VA 208V w/208V to 120V Step-Down Transformer



More Images

APC Smart-UPS On-Line, 8000 Watts / 10 kVA, Input 208V / Output 120V, 208V, Interface Port DB-9 RS-232, RJ-45 10/100 Base-T, Smart-Slot, Extended runtime model, Rack Height 10 U

Includes: CD with software, Documentation CD, Installation guide, Network Management Card, Smart UPS signalling RS-232 cable, User Manual, Web/SNMP Management Card

Standard Lead Time: Usually in Stock



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SURT10000XLT-1TF10K

Email Technical Specifications

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Product Category

- Computer and Peripheral (7)
- Home UPS (1)
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 - > Smart-UPS
 - > **Smart-UPS On-Line**
 - > Smart-UPS BR
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- Data Center and Facility 3 Phase (14)
- Special Applications (5)
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- UPS Replacement Batteries (1)

Return to Uninterruptible Power Supply (UPS)

Technical Specifications

Product Overview

Documentation

Software & Firmware

Options

Ratings and Reviews

Output

Output Power Capacity	8000 Watts / 10 kVA
Max Configurable Power	8000 Watts / 10 kVA
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
Other Output Voltages	240
Crest Factor	3 : 1
Topology	Double Conversion Online
Waveform Type	Sine wave
Output Connections	(2) Hard Wire 3-wire (2PH + G) (1) Hard Wire 4-wire (2PH + N + G) (2) NEMA L14-30R (2) NEMA L5-20R (2) NEMA L6-20R (2) NEMA L6-30R



Bypass	Internal Bypass (Automatic and Manual)
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Input

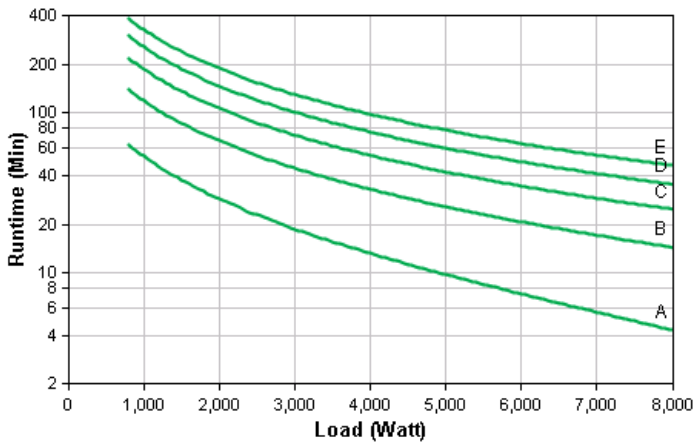
Nominal Input Voltage	208V
Input Frequency	50/60 Hz +/- 5 Hz (auto sensing)
Input Connections	Hard Wire 3-wire (2PH + G)
Input voltage range for main operations	160 - 280V
Other Input Voltages	240
Input Total Harmonic Distortion	Less than 7% for full load

Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Included Battery Modules	4
Typical recharge time	2.20 hour(s)
Replacement Battery (Service center technician only)	APCRBC140
RBC™ Quantity	2
Extended Run Options	APC Smart-UPS RT 10,000VA 208V w/208V to 120V Step-Down Transformer

Runtime Graph

Curve	Part Number(s)
A	SURT10000XLT-1TF10K
B	SURT10000XLT-1TF10K + (1)SURT192XLBP
C	SURT10000XLT-1TF10K + (2)SURT192XLBP
D	SURT10000XLT-1TF10K + (3)SURT192XLBP
E	SURT10000XLT-1TF10K + (4)SURT192XLBP



WebCharts3D Invalid license

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)	DB-9 RS-232, RJ-45 10/100 Base-T, Smart-Slot
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	1265J Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449
Physical	
Maximum Height	432.00 mm
Maximum Width	438.00 mm
Maximum Depth	736.00 mm
Rack Height	10U
Net Weight	211.36 KG
Shipping Weight	256.36 KG
Shipping Height	1247.00 mm
Shipping Width	597.00 mm
Shipping Depth	991.00 mm
Color	Black
Environmental	
Operating Environment	0 - 40 °C
Operating Relative Humidity	0 - 95% no%
Operating Elevation	0-3000 meters
Storage Temperature	-15 - 45 °C
Storage Relative Humidity	0 - 95% no%
Storage Elevation	0-15000 meters
Audible noise at 1 meter from surface of unit	55.00 dBA
Online Thermal Dissipation	2254.00 BTU/hr
Protection Class	IP 20
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.