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Smart-UPS On-Line

APC Smart-UPS RT 20kVA 230V No Batteries



[More Images](#)

APC Smart-UPS On-Line, 16 kW / 20 kVA, Input 230V / Output 230V , Interface Port DB-9 RS-232, RJ-45 10/100 Base-T, Smart-Slot , Extended runtime model , Rack Height 6 U

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

Standard Lead Time: Usually in Stock

SURT20KUXI

[Add Options](#)

[Email Technical Specifications](#)

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Product Category

- Computer and Peripheral (3)
- Home UPS (2)
- Network and Server
 - > Smart-UPS
 - > **Smart-UPS On-Line**
 - > Symmetra

Data Center and Facility 3 Phase (9)

UPS Management (7)

Return to Uninterruptible Power Supply (UPS)

[Technical Specifications](#) [Product Overview](#) [Documentation](#) [Software & Firmware](#) [Options](#)

Output

Output Power Capacity 16 kW / 20 kVA

Max Configurable Power 16 kW / 20 kVA

Nominal Output Voltage 230V



Output Voltage Note Configurable for 400 or 415V 3 Phase nominal output voltage

Efficiency at Full Load 94.0%

Output Voltage Distortion Less than 3%

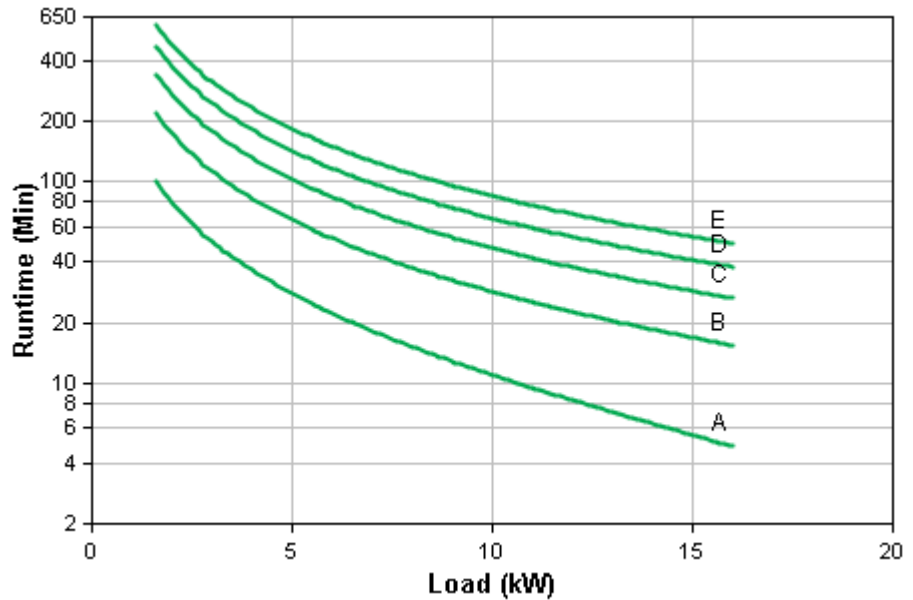
Output Frequency (sync to mains) 50/60 Hz +/- 3 Hz user adjustable +/- 0.1

Other Output Voltages 220,240,400,415

Crest Factor	3 : 1	
Waveform Type	Sine wave	
Output Connections	(1) Hard Wire 3-wire (H N + G) (4) IEC 320 C13	
	(4) IEC 320 C19	
	(4) IEC Jumpers	
Bypass	Internal Bypass (Automatic and Manual)	
Input		
Nominal Input Voltage	230V	
Input Frequency	40 - 70 Hz (auto sensing)	
Input Connections	Hard Wire 3 wire (1PH+N+G) Hard Wire 5-wire (3PH + N + G)	
Input voltage range for main operations	160 - 280V	
Other Input Voltages	220,240,400,415	
Maximum Input Current	115A	
Input Breaker Capacity	125.0 A	
Batteries & Runtime		
Battery Type	No internal battery - uses external battery system	
RBC™ Quantity	2	
Extended Run Options	APC Smart-UPS RT 20kVA 230V No Batteries	

Runtime Graph

Curve	Part Number(s)
A	SURT20KUXI + (1) SURT192RMXLBP2
B	SURT20KUXI + (2) SURT192RMXLBP2
C	SURT20KUXI + (3) SURT192RMXLBP2
D	SURT20KUXI + (4) SURT192RMXLBP2
E	SURT20KUXI + (5) SURT192RMXLBP2



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 [AP9619](#)

Control panel Multi-function LCD status and control console

Audible Alarm	Audible and visible alarms prioritized by severity
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Emergency Power Off (EPO)	Yes
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Surge Protection and Filtering

Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449
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Physical

Maximum Height	263.00 mm
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Maximum Width	432.00 mm
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Maximum Depth	773.00 mm
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Rack Height	6U
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Net Weight	68.00 KG
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Shipping Weight	90.50 KG
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Shipping Height	622.00 mm
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Shipping Width	610.00 mm
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Shipping Depth	1003.00 mm
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Color	Black
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Units per Pallet	1.00
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Environmental

Operating Environment	0 - 40 °C
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Operating Relative Humidity	0 - 95%
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Operating Elevation	0-3000 meters
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Storage Temperature	-15 - 45 °C
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Storage Relative Humidity	0 - 95%
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Storage Elevation	0-15000 meters
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Audible noise at 1 meter from surface of unit	59.00 dBA
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Online Thermal Dissipation	2216.00 BTU/hr
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Conformance

Regulatory Approvals	EN/IEC 62040-2,EN/IEC 62040-1-1
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Standard Warranty	2 years repair or replace
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