



APC Smart-UPS 5000VA 230V Rackmount/Tower
Part Number: SUA5000RMI5U



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

Output

Output Power Capacity	4000 Watts / 5000 VA
Max Configurable Power	4000 Watts / 5000 VA
Nominal Output Voltage	230V
Output Voltage Note	Configurable for 220 : 230 or 240 nominal output voltage
Efficiency at Full Load	96.0%
Output Voltage Distortion	Less than 5% at full load
Output Frequency (sync to mains)	47 - 53 Hz for 50 Hz nominal
Other Output Voltages	220, 240
Topology	Line Interactive
Waveform Type	Sine wave
Output Connections	(8) IEC 320 C13 (2) IEC 320 C19 (4) IEC Jumpers



Input

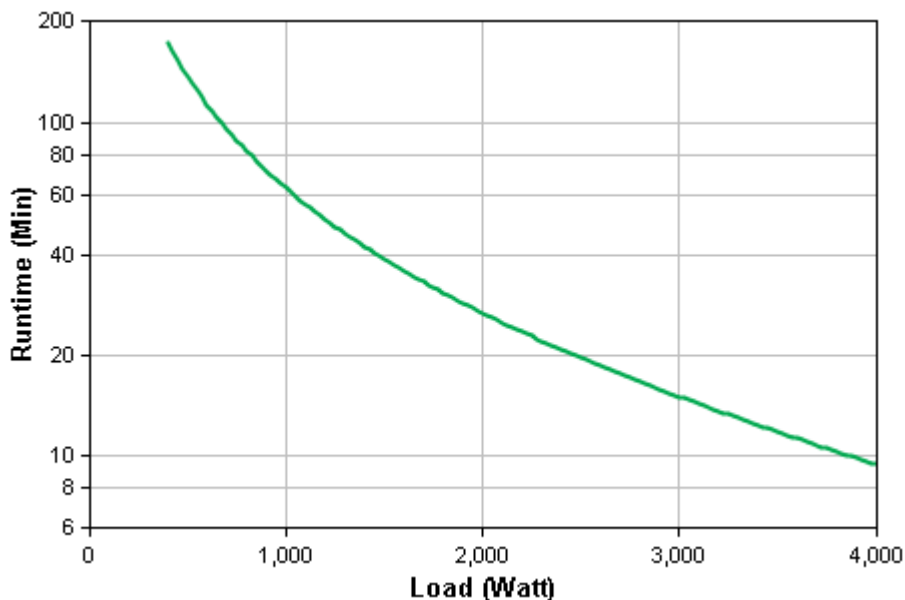
Nominal Input Voltage	230V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	Hard Wire 3-wire
Input voltage range for main operations	160 - 286V

Input voltage adjustable range for mains operation 151 - 302V

Batteries & Runtime

Battery Type	VRLA
Typical recharge time	3 hour(s)
Replacement Battery	RBC55
RBC™ Quantity	2

Runtime Graph



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, SmartSlot
Pre-Installed SmartSlot™ Cards	AP9630
Control panel	LED status display with On Line : On Battery : Replace Battery and Overload indicators
Audible Alarm	Audible and visible alarms : configurable delays

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	222.00 mm
Maximum Width	483.00 mm
Maximum Depth	660.00 mm
Rack Height	5U
Net Weight	97.73 KG

Shipping Weight	106.82 KG
Shipping Height	635.00 mm
Shipping Width	610.00 mm
Shipping Depth	762.00 mm
Master Carton Units	1.00
Color	Black
Units per Pallet	4.00

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 unit 53.00 dBA

Online Thermal Dissipation 430.00 BTU/hr

Conformance

Regulatory Approvals	C-tick, CE, EN 50091-1, EN 50091-2, GOST, GS Mark, VDE
Standard Warranty	2 years repair or replace

Sustainable Offer Status

RoHS	Compliant
REACH	REACH: Contains No SVHCs
Battery Directive	Compliant
Other Environmental Compliance	China RoHS

**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.