

## Smart-UPS On-Line

### APC Smart-UPS RT 8000VA RM 230V



APC Smart-UPS On-Line, 6400 Watts / 8000 VA, 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, Rack Mounting support rails, Service Manual, Smart UPS signalling RS-232 cable, User Manual, Web/SNMP Management Card

## Output

Output Power Capacity

6400 Watts / 8000 VA

Max Configurable Power

6400 Watts / 8000 VA

Nominal Output Voltage

230V

Output Voltage Note

Configurable for 220 : 230 or 240 nominal output voltage

Efficiency at Full Load

93%

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

(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

50/60 Hz +/- 5 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

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

[RBC44](#)

RBC™ Quantity

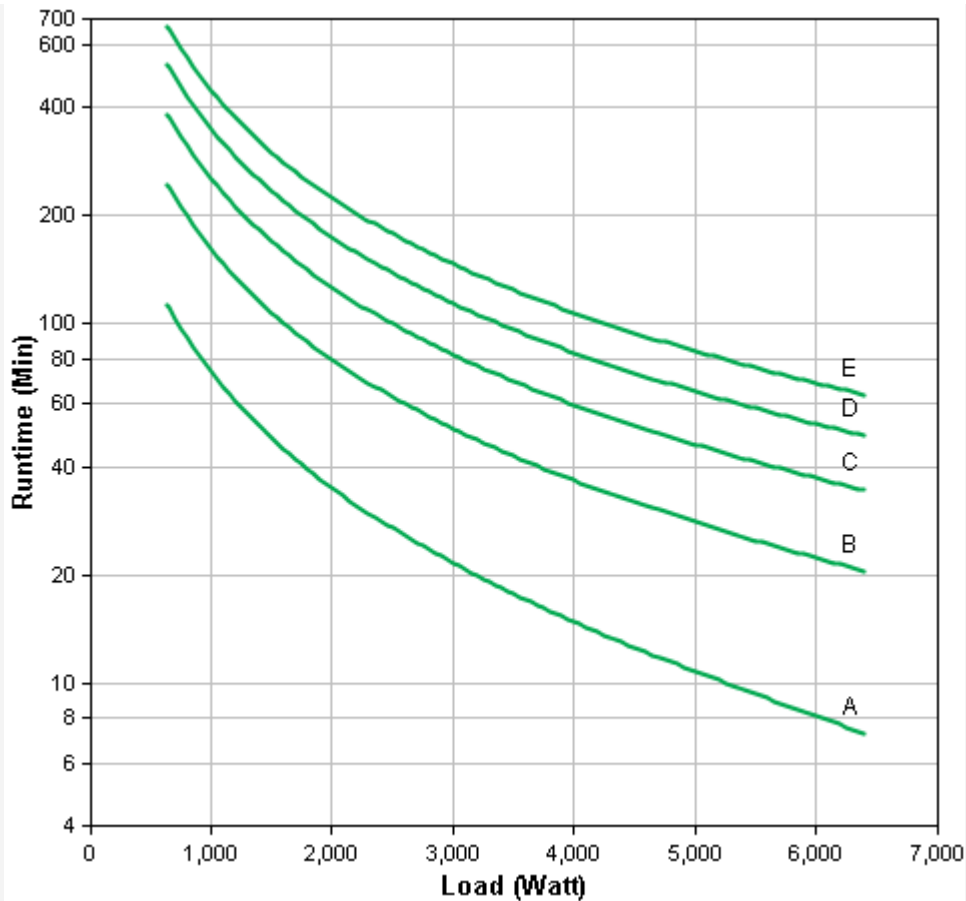
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Extended Run Options

[APC Smart-UPS RT 8000VA RM 230V](#)

Runtime Graph

Curve	Part Number(s)
A	SURT8000RMXLI
B	SURT8000RMXLI + (1)SURT192RMXLBP
C	SURT8000RMXLI + (2)SURT192RMXLBP
D	SURT8000RMXLI + (3)SURT192RMXLBP
E	SURT8000RMXLI + (4)SURT192RMXLBP



*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.

## Communications & Management

Interface Port(s)

DB-9 RS-232,RJ-45 10/100 Base-T,Smart-Slot

Pre-Installed SmartSlot™ Cards

[AP9619](#)

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

Filtering

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

## Physical

Maximum Height

263.00 mm

Maximum Width

432.00 mm

Maximum Depth

736.00 mm

Rack Height

6U

Net Weight

110.92 KG

Shipping Weight

129.10 KG

Shipping Height

552.00 mm

Shipping Width

597.00 mm

Shipping Depth

991.00 mm

Color

Black

Units per Pallet

1.00

## 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

55.00 dBA

Online Thermal Dissipation

1603.00 BTU/hr

## Conformance

Regulatory Approvals

C-tick,CE,EN 50091-1,EN 50091-2,EN 55022 Class A,EN 60950,EN 61000-3-2,GOST,VDE

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.

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