



**APC Smart-UPS RT 1000VA 230V**  
 Part Number: SURT1000XLI

## Technical Specifications

### Output

Output power capacity	1,000 VA
Output power capacity	700 Watts
Max Configurable Power	1,000 VA
Max Configurable Power	700 Watts
Nominal output voltage	230 VA
Output Voltage Note	Configurable for 220 : 230 or 240 nominal output voltage
Output Connections	(6) IEC 320 C13 (2) IEC Jumpers



### Input

Nominal input voltage	230 V
Input frequency	50/60 Hz +/- 5 Hz (auto sensing)
Input Connection Type	IEC-320 C14
Input voltage range for main operations	160 - 280 V
Input voltage adjustable range for main operations	100 - 280 V

### Batteries & Runtime

Battery type	Maintenance -free sealed Lead-Acid battery with suspended electrolyte : leakproof
Replacement battery cartridge	RBC31
Typical backup time at half load	24.4 minutes (350 Watts)
Typical backup time at full load	10.2 minutes (700 Watts)
Runtime Chart	<a href="#">Smart-UPS RT</a>
Extended run options	<a href="#">APC Smart-UPS RT 1000VA 230V</a>

### Communications & Management

Interface port	DB-9 RS-232, SmartSlot
Available Smart Slot 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)	Optional

### Surge Protection and Filtering

Surge energy rating	420 joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

### Physical

**Description:** APC Smart-UPS RT, 1000VA/700W, Input 230V/Output 230V, Interface Port DB-9 RS-232, SmartSlot, Extended runtime model, Rack Height 2 U

**General Features:** Click here to view features of [Smart-UPS RT](#).

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

**Topology:** Double Conversion Online

**Options:**

- [Automatic Transfer Switches](#)
- [Batteries](#)
- [Management Devices](#)
- [MasterSwitches/Outlet Strips](#)
- [Mounting Kits](#)
- [Power Cords](#)
- [Services](#)
- [Software](#)

**User Manual & Installation Guides:**

- 📄 [Smart-UPS Accessories Rail Kit \(Sheet\)](#)
- 📄 [Smart-UPS RT 1000 VA, 2000 VA, 220/230/240 V \(Manual\)](#)

Maximum height dimensions	3 inches ( 9 cm )
Maximum width dimensions	17 inches ( 43 cm )
Maximum depth dimensions	19 inches ( 48 cm )
Rack Height	2 U
Net weight	51 lbs. ( 23 kg )
Shipping Weight	61 lbs. ( 28 kg )
Shipping Height	11 inches ( 29 cm )
Shipping Width	25 inches ( 63 cm )
Shipping Depth	23 inches ( 59 cm )
Color	Black
Units per Pallet	12

#### Environmental

Operating Environment	0 - 40 ° C
Operating Relative Humidity	0 - 95 %
Operating Elevation	0-10000 feet
Storage Temperature	-20 - 50 ° C
Storage Relative Humidity	0 - 95 %
Storage Elevation	0-50000 feet
Online thermal dissipation	239 BTU/hr

#### Conformance

Approvals	C-tick, CE, EN 50091 -1, EN 50091 -2, EN 55022 Class A, EN 60950, EN 61000-3-2, GOST, PCBC, VDE
Standard warranty	2 years repair or replace, optional on-site warranties available, optional extended warranties available