

Smart-UPS

APC Smart-UPS XL 1000VA USB & Serial 230V

SUA1000XLI

Product Category

- Computer and Peripheral (5)
- Home UPS (2)
- Network and Server
 - Smart-UPS
 - Smart-UPS On-Line
 - Symmetra
- Data Center and Facility 3 Phase (14)
- UPS Management (7)



APC Smart-UPS, 800 Watts / 1000 VA, Input 230V / Output 230V , Interface Port DB-9 RS-232, SmartSlot, USB , Extended runtime model

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

Standard Lead Time: Usually in Stock



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Email Technical Specifications

Printer Friendly



Return to Uninterruptible Power Supply (UPS)

Technical Specifications

Product Overview

Documentation

Software & Firmware

Options

Ratings and Reviews

Output

Output Power Capacity	800 Watts / 1000 VA
Max Configurable Power	800 Watts / 1000 VA
Nominal Output Voltage	230V
Output Voltage Note	Configurable for 220 : 230 or 240 nominal output voltage
Output Voltage Distortion	Less than 5% at full load
Output Frequency (sync to mains)	47 - 53 Hz for 50 Hz nominal,57 - 63 Hz for 60 Hz nominal
Waveform Type	Sine wave
Output Connections	(8) IEC 320 C13
	(2) IEC Jumpers



Input

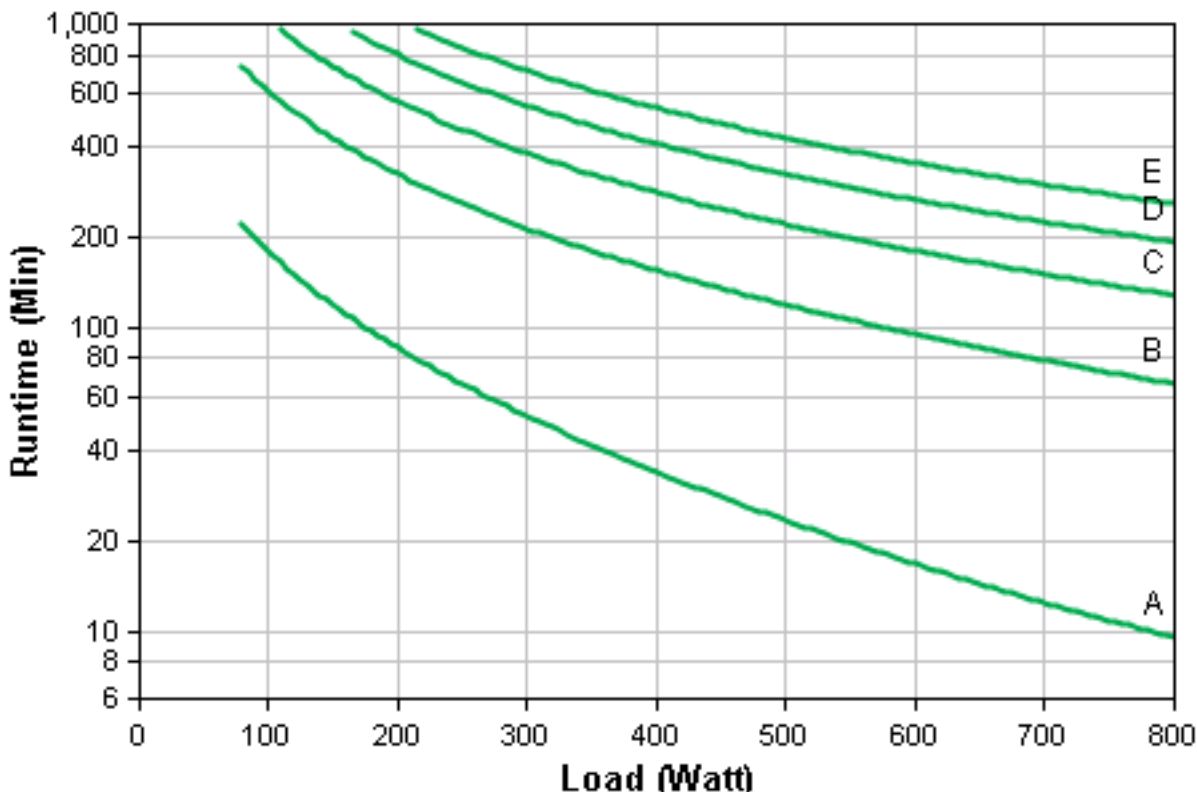
Nominal Input Voltage	230V
Input Frequency	50/60 Hz +/- 3 Hz (auto sensing)
Input Connections	IEC-320 C14
Cord Length	1.83 meters
Input voltage range for main operations	160 - 285V
Input voltage adjustable range for mains operation	151 - 302V

Batteries & Runtime

Battery Type	Maintenance-free sealed Lead-Acid battery with suspended electrolyte : leakproof
Typical recharge time	3 hour(s)
Replacement Battery	RBCZ
RBC™ Quantity	1
Extended Run Options	APC Smart-UPS XL 1000VA USB & Serial 230V

Runtime Graph

Curve	Part Number(s)
A	SUA1000XLI
B	SUA1000XLI + (1)SUA24XLBP
C	SUA1000XLI + (2)SUA24XLBP
D	SUA1000XLI + (3)SUA24XLBP
E	SUA1000XLI + (4)SUA24XLBP



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,USB
Available SmartSlot™ Interface Quantity	1
Control panel	LED status display with load and battery bar-graphs and On Line : On Battery : Replace Battery : and Overload Indicators
Audible Alarm	Alarm when on battery : distinctive low battery alarm : configurable delays
Emergency Power Off (EPO)	Optional

Surge Protection and Filtering

Surge energy rating	320 Joules
Filtering	Full time multi-pole noise filtering : 0.3% IEEE surge let-through : zero clamping response time : meets UL 1449

Physical

Maximum Height	216.00 mm
Maximum Width	170.00 mm
Maximum Depth	439.00 mm
Net Weight	27.27 KG
Shipping Weight	29.55 KG
Shipping Height	387.00 mm
Shipping Width	320.00 mm
Shipping Depth	591.00 mm
Color	Black
Units per Pallet	24.00

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 surface42.00 dBA of unit

Online Thermal Dissipation	120.00 BTU/hr
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Conformance

Regulatory Approvals	C-tick,CE,EN 50091-1,EN 50091-2,GOST,VDE
Standard Warranty	2 years repair or replace
Environmental Compliance	RoHS 7b Exemption,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.