ComX Computers
Product Specification Sheet

SURT8000XLI

APC Smart-UPS Online 8000VA 230V

Product Overview

APC Smart-UPS Online 8000VA 230V, Extended Run, Black, Rack/Tower Convertible With PowerChute Shut Down Software





Specifications

Features:

Availability

- Automatic internal bypass: Supplies utility power to the connected loads in the event of a UPS overload condition or fault.
- Scalable runtime: Allows additional run time to be quickly added as needed.
- Intelligent battery management: Maximizes battery performance, life, and reliability through intelligent, precision charging.
- Hot-swappable batteries: Ensures clean, uninterrupted power to protected equipment while batteries are being replaced
- Automatic restart of loads after UPS shutdown: Automatically starts up the connected equipment upon the return of utility power.
- Temperature-compensated battery charging: Prolongs battery life by regulating the charge voltage according to battery temperature.

Manageability

- Network manageable: Provides remote management of the UPS over the network.
- InfraStruXure Manager Compatible: Enables centralized management via the APC InfraStruXure Manager.
- SmartSlot: Customize UPS capabilities with management cards.
- LED status indicators: Quickly understand unit and power status with visual indicators.
- Serial Connectivity: Provides management of the UPS via a serial port.

Adaptability

- Plug-and-Play external batteries: Ensures clean, uninterrupted power to the loads when adding extra runtime to the UPS.
- Rack/Tower convertible: Protects the initial investment in the UPS when migrating from tower to rack-mount environment.
- Flash upgradeable firmware: Install maintenance releases of firmware remotely using FTP.

Serviceability

- User-replaceable batteries: Increases availability by allowing a trained user to perform upgrades and replacements of the batteries reducing Mean Time to Repair (MTTR)

- Automatic self-test: Periodic battery self-test ensures early detection of a battery that needs to be replaced.
- Predicitive failure notification: Provides early-warning fault analysis ensuring proactive component replacement.
- Disconnected battery notification: Warns when a battery is not available to provide backup power.
- Audible alarms: Provides notification of changing utility power and UPS conditions

Protection

- Frequency and voltage regulation: Gives higher application availability by correcting poor frequency and voltage conditions without using the battery.
- Power conditioning: Protects connected loads from surges, spikes, lightning, and other power disturbances.
- Input power factor correction: Minimizes installation costs by enabling the use of smaller generators and cabling.
- Generator compatible: Ensures clean, uninterrupted power to protected equipment when generator power is used.
- Cold-start capable: Provides temporary battery power when the utility power is out.
- Resettable circuit breaker: Easy recovery from overloads; no need to replace a fuse.
- Safety-agency approved: Ensures the product has been tested and approved to work safely with the connected service provider equipment and within the specified environment.

Specifications:

© 2013 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (http://www.comx.co.za), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.

Product Code	SURT8000XLI
Specifications	
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
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
Crest Factor	3:1
Topology	Double Conversion Online
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	2
Extended Run Options	APC Smart-UPS RT 8000VA 230V
Communications & Management	
Interface Port(s)	DB-9 RS-232, RJ-45 10/100 Base-T, Smart-Slot
Pre-Installed SmartSlot Cards	AP9631
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	432.00 mm
Maximum Width	263.00 mm
Maximum Depth	736.00 mm
Rack Height	6U
Net Weight	110.91 KG
Color	Black
Environmental	
Operating Environment	0 - 40 degreesC
Operating Relative Humidity	0 - 95%
Operating Elevation	0-3000 meters
Storage Temperature	-15 - 45 degreesC
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
Sustainable Offer Status	
RoHS	Compliant
Other Environmental Compliance	China RoHS

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/SURT8000XLI-APC-Smart-UPS-Online-8000VA-230V-p-70177.php

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: https://www.comx-computers.co.za/terms-of-use.php
Terms of Sale: https://www.comx-computers.co.za/terms-of-sale.php

PDF generated: 2026-11-14 04:58:38.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.