ComX Computers
Product Specification Sheet

UPAPSRTG6KXLI

APC Smart-UPS RT 6kVA 230V UPS

Product Overview

APC Smart-UPS RT 6kVA 230V UPS



Specifications

Features:

Automatic restart of loads after UPS shutdown
Automatically starts up the connected equipment upon the return of utility power.

Automatic self-test
Periodic battery self-test ensures early detection of a battery that needs to be replaced.

Battery failure notification
Provides early-warning fault analysis on batteries enabling timely preventive maintenance

ECO Mode
Operating mode that by-passes unused electrical components in good power conditions to achieve high operating efficiency without sacrificing protection

LCD Status Display
Provides key UPS status at a glance. Multiple status indicators with load and battery bar graphs.

Rack/Tower convertible
Protects the initial investment in the UPS when migrating from tower to rack-mount environment.

Plug-and-Play external batteries
Ensures clean, uninterrupted power to the loads when adding extra runtime to the UPS.

Flash upgradeable firmware
Install maintenance releases of firmware remotely using FTP.

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

Temperature-compensated battery charging
Prolongs battery life by regulating the charge voltage according to battery temperature.

Scalable runtime
Allows additional run time to be quickly added as needed.

Automatic restart of loads after UPS shutdown
Automatically starts up the connected equipment upon the return of utility power.

Automatic internal bypass
Supplies utility power to the connected loads in the event of a UPS power overload or fault.

Generator compatible
Ensures clean, uninterrupted power to protected equipment when generator power is used.

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.

Cold-start capable
Provides temporary battery power when the utility power is out.

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.

Resettable circuit breaker
Easy recovery from overloads; no need to replace a fuse. (Not available on Wall Tap SKUs)

InfraStruXure Manager Compatible
Enables centralized management via the APC InfraStruXure Manager.

Network manageable
Most models provide remote power management options of the UPS over the network. Many do not have NMC embedded.

LED status indicators
Quickly understand unit and power status with visual indicators.

SmartSlot
Customize UPS capabilities with management cards.

Serial connectivity
Provides management of the UPS via a serial port.

Disconnected battery notification
Warns when a battery is not available to provide backup power.

Automatic self-test
Periodic battery self-test ensures early detection of a battery that needs to be replaced.

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

Audible alarms
Provides notification of changing utility power and UPS power conditions

Predictive failure notification.
Provides early-warning fault analysis ensuring proactive component replacement.

Save time with easy and convenient remote/network accessibility.
Network manageable via serial, USB or Ethernet. Includes Powerchute(R)Software for convenient monitoring and control, safe operating system shutdown, and innovative energy management capabilities.

Peace of mind that comes with full equipment compatibility and reliability of a leader
Provides pure sine wave output which is recommended by server manufacturers using active power factor corrected (PFC) power supplies. Safety agency tested and approved means that you can deploy Smart-UPS with confidence that they meet or exceed the industry's most rigorous standards.

Low operating and maintenance costs with proven reliability and intelligent battery management.
Intelligent battery management, pioneered by APC, maximizes battery performance and life through intelligent, precision temperature compensated charging. Automatic self tests insure battery reliability and warn customers in advance of battery replacement. Convenient, easy to connect, hot-swappable battery modules provide battery replacement without powering down.

Avoids costly power problems by keeping your IT equipment and data protected and available.
Network grade power conditioning protects from damaging surges and disruptive noise. The double conversion architecture provides tight voltage regulation, frequency regulation ,and zero transfer time to battery during power events.

Specifications:

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Specifications	
Product Code	SRTG6KXLI
Output	
Max Configurable Power (Watts)	6.0kWatts / 6.0kVA
Output Voltage Note	Configurable for 220 : 230 or 240 nominal output voltage
Output Voltage Distortion	Less than 2 %
Output Frequency (sync to mains)	50/60 Hz /- 3 Hz Sync to mains
Other Output Voltages	220 V, 240 V

Load Crest Factor	3 :: 1
Topology	Double conversion online
Waveform type	Sine wave
Bypass	Internal bypass (automatic and manual)
Input	
Input frequency	40 - 70 Hz Auto-sensing
Input voltage range for main operations	100 - 280 Adjustable, 160 - 285V
Other Input Voltages	220 V, 240 V
Batteries & Runtime	
Battery type	Lead-acid battery
Included Battery Modules	2
Typical recharge time	4hour(s)
Nominal Battery Voltage	/- 96 V
Expected Battery Life (years)	3 - 5
Battery Charge Power (Watts)	239 Watts
Extendable Run Time	1
Battery Volt-Amp-Hour Capacity	960
Extended Run Options	APC-Smart-UPS-RT-6kVA-230V
Communications & Management	
Interface Port(s)	RJ-45 Serial, Smart-Slot, USB
Control panel	LED Status display with on line : on battery, Multifunction LCD status and control console
Audible Alarm	Alarm when on battery : distinctive low battery alarm : overload continuous tone alarm
Emergency Power Off (EPO)	Yes
Surge Protection and Filtering	
Surge energy rating	600Joules
Physical	
Maximum Height	178MM, 17.78CM
Maximum Width	440MM, 44.0CM
Maximum Depth	620MM, 62.0CM
Net Weight	51.9KG
Shipping weight	59.0KG
Shipping Height	275MM, 27.5CM
Shipping Width	590MM, 59.0CM
Shipping Depth	790MM, 79.0CM
Environmental	
Operating Temperature	0 - 40 degreesC

Operating Relative Humidity	0 - 95 (Non-condensing) %
Operating Elevation	0 - 2011.68meters
Storage Temperature	-15 - 45 degreesC
Storage Relative Humidity	0 - 95 (Non-condensing) %
Storage Elevation	0 - 15240meters
Audible noise at 1 meter from surface of unit	55.0dBA
Online thermal dissipation	1331.0BTU/hr
Protection Class	IP20
Conformance	
Approvals	CE, EN/IEC 62040-1

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/UPAPSRTG6KXLI-APC-Smart-UPS-RT-6kVA-230V-UPS-p-256518.php

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