

# 5 – 10kVA Brochure

Compact, efficient and flexible power protection for business applications.

Ideal for a range of applications, from network and server rooms to branch offices and secure power uses, the new APC Smart-UPS RT On-Line provides high-density, double-conversion online power protection, scalable runtime, and affordability without sacrificing quality.

Smart-UPS On-Line is capable of supporting loads from 5 - 10kVA in a flexible, compact rack/tower convertible form. When business systems require runtime in hours, not minutes, Smart-UPS On-Line can be configured with multiple battery packs to meet aggressive runtime demands.



Smart-UPS RT On-Line is available at a competitive price, providing refreshed features and value to customers with demanding power conditions.

That's Certainty in a Connected World.

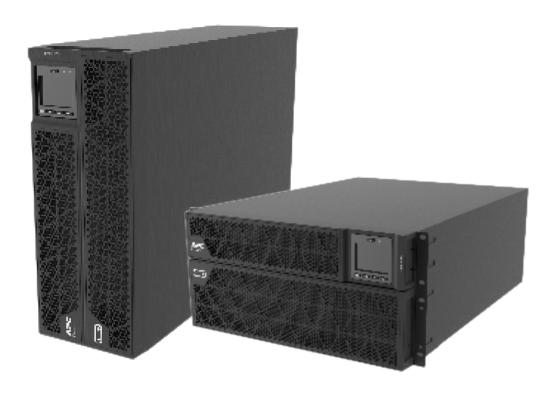
www.apc.com





# APC Smart-UPS RT On-Line New Features

Rackmount and Tower Models 5, 6, 8 & 10 kVA



#### High Output Power Factor

More real output power in watts. Unity on 5kVA – 10kVA units.

## High Efficiency "Green Mode"

Achieves efficiency greater than 98%, which helps save utility and cooling costs without compromising performance or reliability.

### Multi-color LCD Display

Intuitive interface provides detailed and accurate information with the ability to configure locally.

#### Switchable Outlet Groups

Ability to control a group of receptacles independent from the main UPS.

#### Pre-installed Network Card

Ability to control a group of receptacles

#### APC Smart-Slot

Ability to add APC accessories for additional communication options.

## Three-year Warranty on Electronics

Additional year of warranty protection for electronics provides peace of mind.

## Emergency Power Off (EPO)

Remote UPS shutoff in the event of an emergency.

### Communication Ports

Serial, USB and SmartSlot for network accessory cards.





# LCD display

Intuitive, easy-to-use LCD provides clear and accurate information in multiple languages







Red: indication of UPS alarm that requires immediate attention Amber: indication of condition that requires attention

#### Standard features

## LCD display screen

Accurately provides real-time status updates in your choice of basic or advanced menus

# UPS status (scrolling)

- Output voltage
- Input voltage
- Output frequency
- Run time
- Load
- Battery Health

## Control

- UPS and outlet group settings
- Bypass control

# Configuration

- Output voltage, frequency
- Language, brightness, contrast
- Audible alarm
- IP address

# Test and diagnostics

 Initiate battery and runtime calibration tests

#### About

- UPS serial number, battery part number
- Battery install and suggested replacement dates





# **Product Accessories**

## **Battery Packs**

SRTG192XLBP4: APC Smart-UPS RT 192V 5Ah Battery Pack (32 pcs x 12V/5Ah)

## Replacement Battery Cartridges

- APCRBC170: APC Replacement Battery Cartridge #170
- APCRBC174 : APC Replacement Battery Cartridge #174

#### Rail Kits

SRTGRK1: APC Smart-UPS RT 19" Rail Kit For 5-20kVA



# Ecostruxure IT Ready

# Connecting hybrid IT environments for advanced insights

# Cloud-based vendor-neutral monitoring with EcoStruxure™ IT

EcoStruxure IT Expert monitors and helps to protect your business equipment, providing 24/7 visibility through live data, smart alarming and data-driven insights on the health of your connected assets directly to your Smartphone.

When you upgrade to EcoStruxure™ Asset Advisor, remote troubleshooting is provided by the experts monitoring your connected assets 24x7.

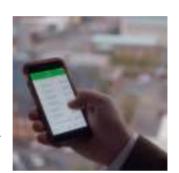
Learn more at: schneider-electric.com/ecostruxure

#### Remote service

Increase your data center's uptime with intelligent 24x7 monitoring and remote troubleshooting service.

#### Analytics

Gain insight into how well your data center runs — receive recommendations and data-driven intelligence.



## Mobile insights

Stay connected to your data center with live data and alarms on your smartphone app.

# PowerChute Network Shutdown

# Built-in manageability for your UPS unit

Virtualized shutdown of multiple devices
PowerChute™ Network Shutdown Edition
software provides UPS management, system
shutdown and innovative energy reporting
capabilities. Energy usage, cost and CO2
reporting provides a greater understanding of
the energy consumed by IT equipment,
enabling improved energy efficiency.
Advanced analysis features help to identify
the causes of potential power-related
problems before they occur for the health of
your equipment.



#### PowerChute Network Shutdown Features:

- Graceful network-based shutdown
- Sequenced server shutdown
- Integration with VMware and Microsoft Hyper-V
- Support for virtual clusters
- Migration / shutdown by virtual machine
- IPv6 support

- Virtual machine prioritization
- Command file integration
- Redundant and parallel UPS support
- Event logging
- HTTPS communications
- Scalable architecture for host of client system





# Runtime Estimates (in minutes)

## Full Load

Power Rating	Internal	External battery packs			
	Battery	+1	+2	+3	+4
5kVA/5kW	3.6	19.2	35.8	54.1	72.1
6kVA/6kW	2.3	15.4	29.2	45	58

# Half Load

Power Rating	Internal	External battery packs			
	Battery	+1	+2	+3	+4
5kVA/2.5kW	11	43.7	78.6	116.9	154.7
6kVA/3kW	8.3	35.9	65	98	125.4

# Full Load

Power Rating	Internal	External battery packs			
	Battery	+1	+2	+3	+4
8kVA/8kW	4.9	14.6	24.9	34.1	47.9
10kVA/10kW	3.6	11.2	19.5	28.5	37.2

# Half Load

Power Rating	Internal	External battery packs			
	Battery	+1	+2	+3	+4
8kVA/4kW	13.7	33.9	55.6	74.8	103.6
10kVA/5kW	11	26.9	44.1	63	81.3





# **Technical Specifications**

SKU	SRTG5KXLI	SRTG6KXLI	SRTG8KXLI	SRTG10KXLI			
Output							
Output power factor	Unity						
Nominal output voltage		220 / 230 (de	efault) / 240V				
Output frequency	Į.	50/60 Hz ± 4 Hz (auto sense) / 5	0/60 Hz ± 0.1 Hz (battery mo	ode)			
Topology		Double Conve	ersion On-Line				
Online efficiency at full load (typical)		>93	.5%				
Green mode efficiency at full load (typical)		>98	8%				
Output connections		Terminal block, 2 x IEC C	C13 (SOG), 1 x IEC C19				
Input							
Nominal input voltage		220/230/240VAC (user selectable)					
Input voltage range at full load	160 – 285 Vac						
Input frequency range		40 – 7	70 HZ				
Input connection	Hardwire 3-wire (1PH + N + G)						
Battery							
Battery type	Leak	proof Sealed Maintenance Free	e Valve Regulated Lead Acid	Battery.			
Typical backup time at ½ load (min.)	11	8.3	13.7	11			
Typical backup time at full load (min.)	3.6	2.3	4.9	3.6			
Nominal DC voltage	± 96Vdc						
User battery replaceable	Yes						
Communication and ma	anagement						
Interface ports	Serial (RJ45), USB (Type B) and Smart-Slot (pre-installed with A9641 includes ethernet port)						
Control panel	Multi-color LCD with 5 front panel buttons (320 x 240 pixel display)						
Emergency Power Off (EPO)	$\checkmark$						
Physical							
Unit dimensions (W x H x D) (mm)	440 x	620 x 175 mm		Power module: 440 x 620 x 131mm Battery pack: 440 x680 x131 mm			
Unit weight	51.8 kg	51.8 kg	Power module: 17.3 kg Battery pack: 83.5 kg				
Environment							
Noise level	55dB max. 58db						
Operating Temperature	0 - 40 °C (40°C~50°C, derating, 75%~100%; -20 degree can start UPS)						
Humidity	0 - 95% (non-condensing)						
Conformance							
Regulatory approvals	CE/CB						
Warranty	3 years for electronics, 2 years for battery						





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