



# Smart-UPS On-Line 1kVA

Provides on-line power protection for servers, voice/data networks & edge computing applications

[apc.com](https://apc.com)

Life Is On

**APC**<sup>™</sup>  
by Schneider Electric

# A versatile UPS developed for edge computing

APC™ Smart-UPS™ On-Line is designed with performance and durability in mind and is capable of handling demanding power conditions, where uptime and efficiency is critical.

Smart-UPS On-Line is the ideal power protection for the following environments and verticals:



Server rooms  
Network closets



Distributed IT



Healthcare



Retail



Finance



Industrial



# Smart-UPS On-Line

Industry-leading power factor maximizing UPS density

## Features

### Best-in-class power density

More real power in watts (0.9 pf)

### High-efficiency "Green Mode"

Up to 95% efficiency, which helps save utility and cooling costs

### Graphical LCD display with multicolor backlight

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

### Intelligent battery management

Temperature-compensated charging extends life and advanced algorithms recommend replacement date

The UPS can inform the user which battery pack need to be replaced and auto detect when battery packs are added

### Built-in energy meter

Measures energy use and displays UPS efficiency in various modes of operation for easy energy tracking

### Operate without battery

Helps to protect equipment when power returns after a complete discharge of the battery

### Three-year warranty on electronics & battery

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



# Smart-UPS On-Line

Proven performance with the world's largest installed base of single-phase, double-conversion products



## Additional features

### Switched outlet group(s)

Ability to control a group of output load receptacles independent from the main UPS. Enables:

- Rebooting hung device without cycling the entire UPS
- Sequenced turn on/off
- Shedding of noncritical loads based on a variety of parameters (battery time, runtime remaining, and overload)
- Scheduled time off to conserve energy

### Emergency power off (EPO)

Remote UPS shutoff in the event of an emergency. The UPS can accept normally open (NO) or normally closed (NC) contacts

### Communication ports

Serial, USB, Ethernet, and SmartSlot for network management cards

### Extended Runtime Options

Add up to 10 external battery packs for your power needs

## Runtime estimates at half and full load (minutes)

SRT1000XLJ	Internal Battery	External battery packs					
		+1	+2	+3	+4	+5	+10
Half load min	24	92	163	236	312	390	790
Full load min	10	42	75	110	148	185	375

# Smart-UPS On-Line SRT 1000 VA

## Technical specifications

UPS Model	SRT1000XLJ
<b>Output</b>	
Power rating	1000 VA / 900 W
Nominal output voltage	100/110/115/120 VAC (default setting: 100V)
Output frequency	50/60 Hz $\pm$ 3 Hz (auto sense) 50/60 Hz $\pm$ 0.1 Hz (user selectable)
Topology	Double-conversion Online
Online efficiency at full load (typical)	89%
Green mode efficiency at full load (typical)	95%
Output connection	6 x NEMA 5-15R
<b>Input</b>	
Nominal input voltage	100/110/115/120V
Input voltage range full load (half load)	80 V – 150 VAC (50 – 150 VAC)
Input frequency	40-70 Hz auto-selecting
Input connection	NEMA 5-15P
<b>Batteries and runtime</b>	
Battery type	Sealed Maintenance Free Valve Regulated Lead Acid (SMF-VRLA)
Typical backup time at 1/2 load	24 min
Typical backup time at full load	10 min
Replacement battery	APCRBC155J
External battery pack (tower/rackmount)	SRT48BPJ
<b>Communication and management</b>	
Interface ports	Serial (RJ45), USB (Type A) and Smart-Slot
Control panel	High resolution graphical LCD display
Emergency power off (EPO)	Yes (NO/NC connections)
<b>Physical</b>	
Width X height X depth	432mm X 85mm(2U) X 505mm
Net weight	23.9kg
<b>Environmental</b>	
Operating Temperature	0 to 40 °C
Storage Temperature	-15 to 45°C with batteries at 25°C battery self discharge 6-8 months, 1-2 months at 45°C -30 to 70°C without batteries
Operating & Storage Humidity	0 - 95% (non -condensing)
<b>Conformance</b>	
Regulatory Approvals	UL 1778-5, VCCI-1A
Warranty	3 years for electronics & battery

Life Is On



APC by Schneider Electric  
132 Fairgrounds Road  
West Kingston, RI 02892  
[www.apc.com](http://www.apc.com)

©2019 Schneider Electric. All Rights Reserved. Schneider Electric | Life Is On, APC, Smart-UPS are trademarks and the property of Schneider Electric SE, its subsidiaries, and affiliated companies. All other trademarks are the property of their respective owners.

