



# Smart-UPS Ultra

Smaller, lighter and more power protection with 3x the battery life

The most trusted UPS brand brings you  
the future of uninterruptible power

[apc.com/smart-ups-ultra](http://apc.com/smart-ups-ultra)

Life Is On



# The world's most popular network and server UPS, now half the size and weight



APC Smart-UPS™ Ultra is the industry's first 1U 3kW UPS and smallest and lightest Lithium-ion 5kW UPS

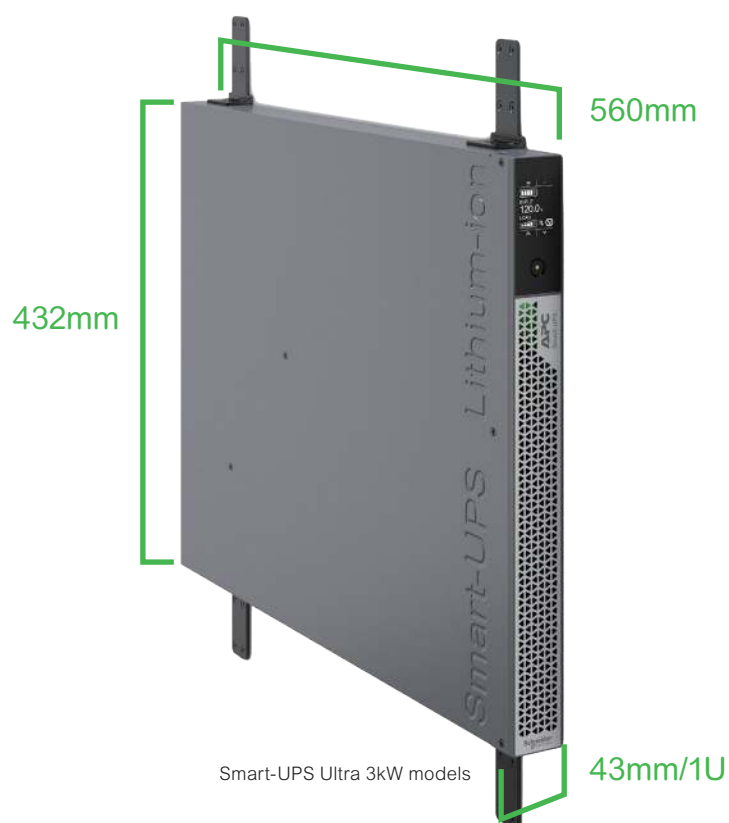
The world's most popular UPS is now available with a compact design and improved battery life. APC's Smart-UPS Ultra offers trusted, premium power protection to ensure network and data availability. Designed for local edge environments and micro data centers, the Smart-UPS Ultra provides consistent and reliable connectivity at the most critical moments. The UPS's light and compact size allow for installation on the wall or ceilings for top-tier flexibility. Increased UPS battery life and lower maintenance service costs provide a lower total cost of ownership over 10 years.

That's Certainty in a Connected World.

# Installation flexibility, like never before

All-in-one mounting brackets for rack, tower, wall, ceiling and desk under mount\*

With Smart-UPS™ Ultra you can put power protection in places never before possible. At half the size and weight of comparable UPS available on the market today, the mounting brackets can be used in any of the 4 mounting styles: rack, tower, wall and ceiling/ desk under mount. The auto-rotating touch screen display makes switching between horizontal and vertical mounting options instantaneous.



\*wall, ceiling and desk under mount not available on SRTL5KRM2UI

# Perfect for more installations

When your UPS gives you more power and takes up less space, you have more space for IT equipment

## Fits in more applications than ever before

Due to its small size, Smart-UPS Ultra easily supports back office, network infrastructure and IDF/MDF closets. Install the UPS in out-of-the-way mounting options in small edge environments, retail or back offices.

With more power, Smart-UPS Ultra supports larger branch offices, financial institutions, grocery stores and light industrial manufacturing Healthcare installations such as hospitals, labs and remote clinics.

## Delivers both power and extended runtime

Smart-UPS Ultra supplies up to 5000 Watts of power protection. With extended runtime options of up to 10 external battery packs, you can get the extended runtime you need for critical applications.

## Predictable operational budget

Perfect for limited operational budgets such as Education and Government, UPS with Lithium-ion batteries can remove battery replacement costs up to 3 times! Smart-UPS Ultra batteries last 8-10 years, 3x that of lead acid (VRLA) batteries, which means that under normal operating conditions, the battery will last the life of the UPS.

## Perfect for distributed IT

If you have more than one IT site to manage, Smart-UPS Ultra's EcoStruxure Ready remote monitoring and management options make owning a UPS easy, whether one UPS or a fleet of UPS. Remote management allows many tasks to be taken care of without stepping foot in your IT installation. Predictive monitoring and maintenance minimized trips to far-away IT sites.



# Smart-UPS Ultra 2.2 & 3kW features

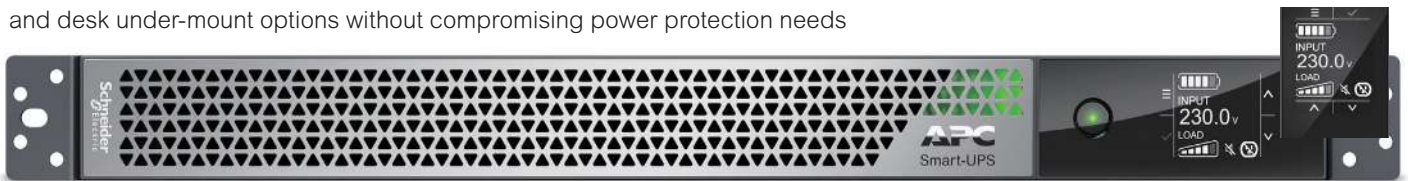
Half the size and weight, remote monitoring management and services with extended runtime options

## 50% smaller and lighter, 2.5x more power

Smaller & lighter gives you the flexibility to install anywhere: rack (2 post, 4 post), tower, wall, ceiling and desk under-mount options without compromising power protection needs

## High resolution LCD

Auto-rotating display



## 3x the battery life

The Lithium-ion battery lasts 8-10 years (3x VRLA) and won't need to be replaced under normal operating condition, reducing Total Cost of Ownership

## LED status indicator

At-a-glance indication of UPS Status

NC Models



## 5 outlets in 1U

Including switched outlet group



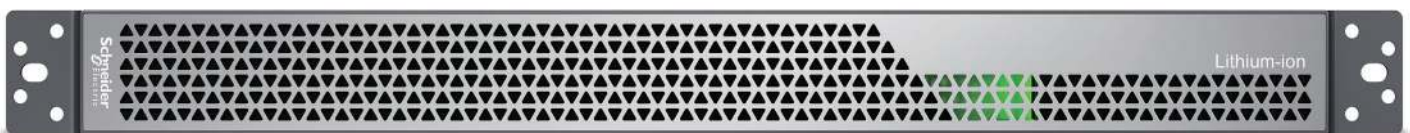
C Models

## EcoStruxure Ready

Connect to either the Smart-UPS™ Portal or to EcoStruxure™ IT via the SmartConnect Ethernet Port or embedded network port

## Extended Runtime options

Up to 5 external battery packs



SRTL50RMBP1U-LI

# Smart-UPS Ultra features

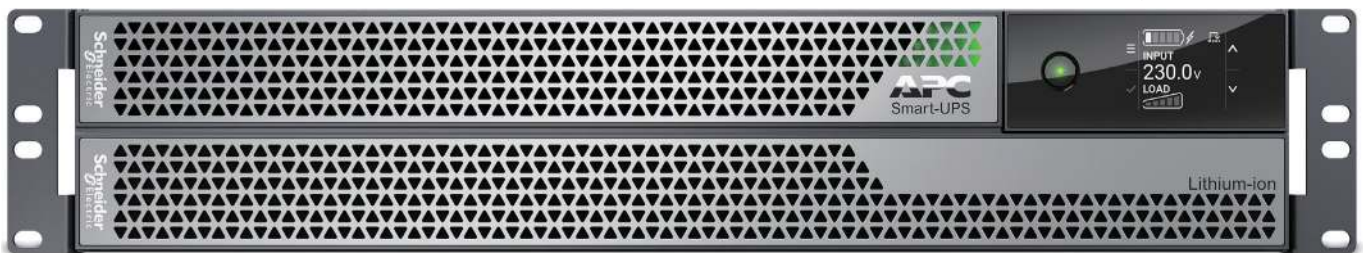
The smallest and lightest 5kW Lithium-ion UPS

## 30% smaller, 50% lighter, 1.5x more power

Next-gen semiconductor technology gives this UPS 1.5x more power in a 2U footprint.

## High resolution LCD

Auto-rotating display with virtual touch keys



## LED status indicator

At-a-glance indication of UPS Status

## 3x the battery life

The Lithium-ion battery lasts 8-10 years (3x VRLA) and won't need to be replaced under normal operating conditions, reducing Total Cost of Ownership

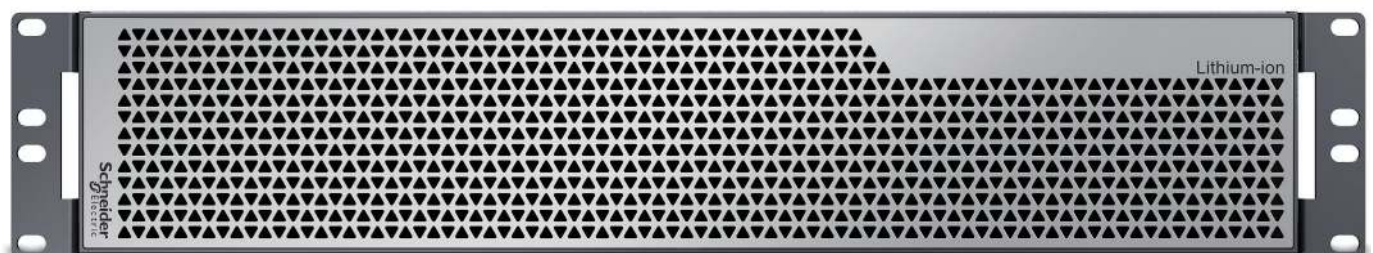


## EcoStruxure Ready

Connect to EcoStruxure™ IT via the embedded network port

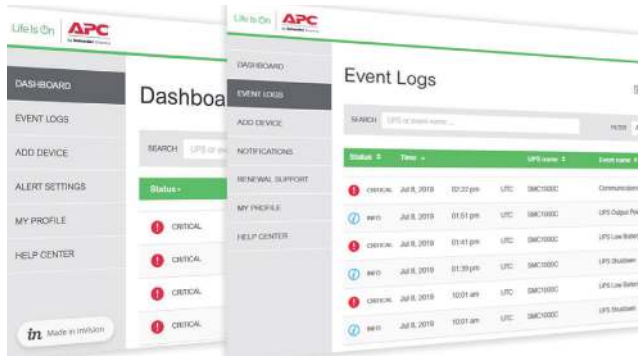
## Extended Runtime options

Up to 10 external battery packs



# EcoStruxure Ready Smart-UPS

Secure monitoring and UPS fleet management.

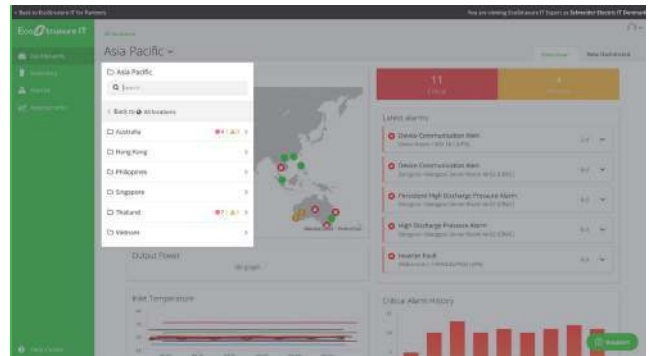


## EcoStruxure Ready Smart-UPS

### Smart-UPS Web Portal for remote monitoring

Provides visibility directly to the customer to help make proactive decisions and maximize uptime via the SmartConnect Ethernet Port.

Ideal for small and medium businesses who prefer to self-manage.



## EcoStruxure IT Expert

### The do-it-yourself advanced monitoring

We empower you to monitor and service customers on your own or provide EcoStruxure IT Expert to your customers who prefer a self-managed option.

Ideal for distributed IT sites and businesses with mixed IT environments.



## EcoStruxure IT Asset Advisor

### We advise, you maintain

We provide monitoring services, and you handle the maintenance. This option appeals most to partners who want to use their own on-site service.

# Smart-UPS management solutions

## Enable wireless communication

### Save network ports by using WiFI Device

The APC USB Wi-Fi Device (AP9834) is a wireless communication accessory for network-based UPS management that replaces traditional wired network cabling allowing for:

- Faster installation
- Operational efficiency
- Reduced downstream costs
- Removal of cable clutter
- More deployment flexibility



Compatible with Smart-UPS Ultra NC models, Smart-UPS with Network Management Card 3 (AP9641, AP9643), pre-installed or embedded.



## PowerChute Business Edition\*

### Built-in manageability for your UPS

Graceful system shutdown of connected equipment during an extended power outage or computer problem.

\*not compatible with SRTL5KRM2UI



## PowerChute Network Shutdown

### Provides graceful network-based shutdown of physical and virtual IT architectures

Network-based, graceful, unattended shutdown and restart of your physical servers and virtual machines during prolonged power disturbances.

# Smart-UPS 2.2 & 3kW accessories

## UPS management accessories

- AP9834: APC USB Wi-Fi Device compatible with NC models
- AP9810: dry contact I/O accessory
- AP9335T & AP9335TH: sensor



AP9834

## Service bypass panels

- SBP3000RMI: APC Service Bypass PDU, 230V 16AMP with (6) IEC C13 AND (1) C19



AP9562

## External battery pack

- SRTL50RMBP1U-LI: 1U external battery pack



SRTL50RMBP1U-LI

## Replacement battery cartridge

- APCRBC173-LI :APC Smart-UPS Ultra internal replacement battery cartridge for the Smart-UPS Ultra 1U UPS systems.

# Smart-UPS 5kW accessories

## UPS management accessories\*

- AP9834: APC USB Wi-Fi Device
- AP9810: dry contact I/O accessory
- AP9335T & AP9335TH: sensor



AP9834

## Battery packs:

- SRTL180RMBP2U: APC Smart-UPS Ultra On-Line Lithium ion XBP 180V 2U Rack/Tower



SRTL180RMBP2U

## Rail kits:

- SRTRK2: APC Smart-UPS SRT 19 inch rail kit for Smart-UPS SRTL 5kW

## Backplate kit/ Replaceable PDU's:

- SRTL002: APC Smart-UPS Ultra On-Line 5kVA OUTPUT Hardwire KIT
- SRTL003: APC Smart-UPS Ultra On-Line 5kVA OUTPUT IEC KIT

## Service bypass panels:

- SBP5000RMI2U: APC SERVICE BYPASS PANEL - 230V; 32A; BBM; IEC320 C20/HW INPUT; IEC-320 OUTPUT - (2) C19 (8) C13

## Replacement battery cartridge

- SRYLBM: APC Smart-UPS Modular Ultra On-Line Lithium-ion Battery Module

## Others

- SRTL006: APC Smart-UPS Ultra On-Line 15ft Extension Cable for SRTL 5K 180V XBP

## PRELIMINARY SPECIFICATIONS

# Smart-UPS Ultra

## SKU technical specifications



|                                              | SRTL2K2RM1UIC                                                                                                                                                                                          | SRTL2K2RM1UINC                                                   | SRTL3KRM1UIC                                                     | SRTL3KRM1UINC                                                    |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|
| Topology                                     | On-Line                                                                                                                                                                                                |                                                                  |                                                                  |                                                                  |
| Output                                       |                                                                                                                                                                                                        |                                                                  |                                                                  |                                                                  |
| Output power capacity                        | 2200VA/2200W                                                                                                                                                                                           |                                                                  | 3000VA/3000W                                                     |                                                                  |
| Nominal output voltage                       | 220, 230 (default), 240V                                                                                                                                                                               |                                                                  |                                                                  |                                                                  |
| Output voltage distortion (with linear load) | 2% at full load                                                                                                                                                                                        |                                                                  |                                                                  |                                                                  |
| Output frequency (sync to mains)             | 50/60 Hz ± 3 Hz (auto sense follow Input AC freq.) 50 or 60 ± 1Hz (battery mode)                                                                                                                       |                                                                  |                                                                  |                                                                  |
| Waveform type                                | Sine Wave                                                                                                                                                                                              |                                                                  |                                                                  |                                                                  |
| Output connections                           | (3) IEC 320 C13 (VDE approved)<br>(2) IEC 320 C19 (VDE approved)                                                                                                                                       | (3) IEC 320 C13 (VDE approved)<br>(2) IEC 320 C19 (VDE approved) | (3) IEC 320 C13 (VDE approved)<br>(2) IEC 320 C19 (VDE approved) | (3) IEC 320 C13 (VDE approved)<br>(2) IEC 320 C19 (VDE approved) |
| Switched outlet group                        | Yes                                                                                                                                                                                                    |                                                                  |                                                                  |                                                                  |
| Efficiency green mode                        | 97%                                                                                                                                                                                                    |                                                                  |                                                                  |                                                                  |
| Input                                        |                                                                                                                                                                                                        |                                                                  |                                                                  |                                                                  |
| Nominal input voltage                        | 220, 230, 240V                                                                                                                                                                                         |                                                                  |                                                                  |                                                                  |
| Input frequency                              | 50/60Hz +/- 3Hz                                                                                                                                                                                        |                                                                  |                                                                  |                                                                  |
| Input connections                            | IEC-60320 C20, Schuko CEE 7 / EU1-16P, British BS1363A                                                                                                                                                 |                                                                  |                                                                  |                                                                  |
| Input voltage range for full load operation  | 160 ~ 275Vac                                                                                                                                                                                           |                                                                  | 205 ~ 275Vac                                                     |                                                                  |
| Batteries and runtime                        |                                                                                                                                                                                                        |                                                                  |                                                                  |                                                                  |
| Battery type                                 | Lithium-ion                                                                                                                                                                                            |                                                                  |                                                                  |                                                                  |
| Runtime (Full Load / Half Load)              | 6 min / 14 min                                                                                                                                                                                         |                                                                  | 4 min / 10 min                                                   |                                                                  |
| External battery                             | SRTL50RMBP1U-LI (connect up to 5 external battery packs)                                                                                                                                               |                                                                  |                                                                  |                                                                  |
| Communications and management                |                                                                                                                                                                                                        |                                                                  |                                                                  |                                                                  |
| Interface port(s)                            | USB-B, RJ-45, Ethernet, EPO                                                                                                                                                                            | USB-A, USB-B, Ethernet, Universal I/O, EPO                       | USB-B, RJ-45, Ethernet, EPO                                      | USB-A, USB-B, Ethernet, Universal I/O, EPO                       |
| Network management                           | SmartConnect, Modbus over TCP/IP                                                                                                                                                                       | Network Management Card Embedded                                 | SmartConnect, Modbus over TCP/IP                                 | Network Management Card Embedded                                 |
| Control panel                                | Auto-rotating, multicolor high resolution LCD with virtual touch keys                                                                                                                                  |                                                                  |                                                                  |                                                                  |
| Physical                                     |                                                                                                                                                                                                        |                                                                  |                                                                  |                                                                  |
| Net HxWxD                                    | 43mm (1U) x 432mm x 560mm                                                                                                                                                                              |                                                                  |                                                                  |                                                                  |
| Net weight                                   | 14kg                                                                                                                                                                                                   |                                                                  |                                                                  |                                                                  |
| Environmental                                |                                                                                                                                                                                                        |                                                                  |                                                                  |                                                                  |
| Operating environment                        | 0 – 40 °C                                                                                                                                                                                              |                                                                  |                                                                  |                                                                  |
| Operating elevation                          | 0-3000 meters                                                                                                                                                                                          |                                                                  |                                                                  |                                                                  |
| Storage temperature                          | -15 – 45 °C short term storage                                                                                                                                                                         |                                                                  |                                                                  |                                                                  |
| Storage relative humidity                    | 0 – 95%, non-condensing                                                                                                                                                                                |                                                                  |                                                                  |                                                                  |
| Storage elevation                            | 0-15000 meters                                                                                                                                                                                         |                                                                  |                                                                  |                                                                  |
| Conformance                                  |                                                                                                                                                                                                        |                                                                  |                                                                  |                                                                  |
| Regulatory approvals                         | UPS: UL-1778 5th ed., CSA C22.2 No 107.3 2nd ed. (for Canada), FCC Part 15 Class A, ICES 003: Issue 7, IEC62040-1 2nd, IEC62040-2 2nd.<br>Battery Pack and RBC: UL 1973, UL60730, IEC 62619, IEC 60730 |                                                                  |                                                                  |                                                                  |
| Standard warranty                            | 5-Year UPS and batteries                                                                                                                                                                               |                                                                  |                                                                  |                                                                  |

## PRELIMINARY SPECIFICATIONS

# Smart-UPS Ultra

## SKU technical specifications



|                                              | SRTL2K2RM1UWC                                                                                                                                                                                          | SRTL2K2RM1UWNC                                                   | SRTL3KRM1UWC                                                     | SRTL3KRM1UWNC                                                    |
|----------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------------------------|
| Topology                                     | On-Line                                                                                                                                                                                                |                                                                  |                                                                  |                                                                  |
| Output                                       |                                                                                                                                                                                                        |                                                                  |                                                                  |                                                                  |
| Output power capacity                        | 2200VA/2200W                                                                                                                                                                                           |                                                                  | 3000VA/3000W                                                     |                                                                  |
| Nominal output voltage                       | 208, 220, 230 (default), 240V                                                                                                                                                                          |                                                                  |                                                                  |                                                                  |
| Output voltage distortion (with linear load) | 2% at full load                                                                                                                                                                                        |                                                                  |                                                                  |                                                                  |
| Output frequency (sync to mains)             | 50/60 Hz ± 3 Hz (auto sense follow Input AC freq.) 50 or 60 ± 1Hz (battery mode)                                                                                                                       |                                                                  |                                                                  |                                                                  |
| Waveform type                                | Sine Wave                                                                                                                                                                                              |                                                                  |                                                                  |                                                                  |
| Output connections                           | (3) IEC 320 C13 (VDE approved)<br>(2) IEC 320 C19 (VDE approved)                                                                                                                                       | (3) IEC 320 C13 (VDE approved)<br>(2) IEC 320 C19 (VDE approved) | (3) IEC 320 C13 (VDE approved)<br>(2) IEC 320 C19 (VDE approved) | (3) IEC 320 C13 (VDE approved)<br>(2) IEC 320 C19 (VDE approved) |
| Switched outlet group                        | Yes                                                                                                                                                                                                    |                                                                  |                                                                  |                                                                  |
| Efficiency green mode                        | 97%                                                                                                                                                                                                    |                                                                  |                                                                  |                                                                  |
| Input                                        |                                                                                                                                                                                                        |                                                                  |                                                                  |                                                                  |
| Nominal input voltage                        | 208 ~ 240V                                                                                                                                                                                             |                                                                  |                                                                  |                                                                  |
| Input frequency                              | 50/60Hz +/- 3Hz                                                                                                                                                                                        |                                                                  |                                                                  |                                                                  |
| Input connections                            | IEC-60320 C20, Schuko CEE 7 / EU1-16P, British BS1363A                                                                                                                                                 |                                                                  |                                                                  |                                                                  |
| Input voltage range for full load operation  | 160 ~ 275VAC                                                                                                                                                                                           |                                                                  | 205 ~ 275VAC                                                     |                                                                  |
| Batteries and runtime                        |                                                                                                                                                                                                        |                                                                  |                                                                  |                                                                  |
| Battery type                                 | Lithium-ion                                                                                                                                                                                            |                                                                  |                                                                  |                                                                  |
| Runtime (Full Load / Half Load)              | 6 min / 14 min                                                                                                                                                                                         |                                                                  | 4 min / 10 min                                                   |                                                                  |
| External battery                             | SRTL50RMBP1U-LI (connect up to 5 external battery packs)                                                                                                                                               |                                                                  |                                                                  |                                                                  |
| Communications and management                |                                                                                                                                                                                                        |                                                                  |                                                                  |                                                                  |
| Interface port(s)                            | USB-B, RJ-45, Ethernet, EPO                                                                                                                                                                            | USB-A, USB-B, Ethernet, Universal I/O, EPO                       | USB-B, RJ-45, Ethernet, EPO                                      | USB-A, USB-B, Ethernet, Universal I/O, EPO                       |
| Network management                           | SmartConnect, Modbus over TCP/IP                                                                                                                                                                       | Network Management Card Embedded                                 | SmartConnect, Modbus over TCP/IP                                 | Network Management Card Embedded                                 |
| Control panel                                | Auto-rotating, multicolor high resolution LCD with virtual touch keys                                                                                                                                  |                                                                  |                                                                  |                                                                  |
| Physical                                     |                                                                                                                                                                                                        |                                                                  |                                                                  |                                                                  |
| Net HxWxD                                    | 43mm (1U) x 432mm x 560mm                                                                                                                                                                              |                                                                  |                                                                  |                                                                  |
| Net weight                                   | 14kg                                                                                                                                                                                                   |                                                                  |                                                                  |                                                                  |
| Environmental                                |                                                                                                                                                                                                        |                                                                  |                                                                  |                                                                  |
| Operating environment                        | 0 – 40 °C                                                                                                                                                                                              |                                                                  |                                                                  |                                                                  |
| Operating elevation                          | 0-3000 meters                                                                                                                                                                                          |                                                                  |                                                                  |                                                                  |
| Storage temperature                          | -15 – 45 °C short term storage                                                                                                                                                                         |                                                                  |                                                                  |                                                                  |
| Storage relative humidity                    | 0 – 95%, non-condensing                                                                                                                                                                                |                                                                  |                                                                  |                                                                  |
| Storage elevation                            | 0-15000 meters                                                                                                                                                                                         |                                                                  |                                                                  |                                                                  |
| Conformance                                  |                                                                                                                                                                                                        |                                                                  |                                                                  |                                                                  |
| Regulatory approvals                         | UPS: UL-1778 5th ed., CSA C22.2 No 107.3 2nd ed. (for Canada), FCC Part 15 Class A, ICES 003: Issue 7, IEC62040-1 2nd, IEC62040-2 2nd.<br>Battery Pack and RBC: UL 1973, UL60730, IEC 62619, IEC 60730 |                                                                  |                                                                  |                                                                  |
| Standard warranty                            | 5-Year UPS and batteries                                                                                                                                                                               |                                                                  |                                                                  |                                                                  |

# Smart-UPS Ultra

## SKU technical specifications



|                                             | SRTL5KRM2UI                                                                                                                                                                                                                              |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Topology                                    | On-Line                                                                                                                                                                                                                                  |
| Output                                      |                                                                                                                                                                                                                                          |
| Output power capacity                       | 5000VA/5000W                                                                                                                                                                                                                             |
| Nominal output voltage                      | 220V, 230V, 240V                                                                                                                                                                                                                         |
| Output voltage distortion                   | (Full R Load) 1%                                                                                                                                                                                                                         |
| Output frequency                            | 50/60Hz $\pm$ 3Hz (auto sense), 50/60Hz $\pm$ 0.1Hz user selectable<br>50/60Hz $\pm$ 3 Hz user selectable                                                                                                                                |
| Waveform type                               | Sine Wave                                                                                                                                                                                                                                |
| Output connections                          | (6) IEC 320 C13 (VDE approved) - Thermal CB 10A, (4) IEC 320 C19 (VDE approved) - Thermal CB 15A                                                                                                                                         |
| Efficiency green mode                       | 98.5%                                                                                                                                                                                                                                    |
| Input                                       |                                                                                                                                                                                                                                          |
| Nominal input voltage                       | 220V, 230V, 240V                                                                                                                                                                                                                         |
| Input frequency                             | 40 - 70Hz                                                                                                                                                                                                                                |
| Input connections                           | Hardwired                                                                                                                                                                                                                                |
| Input voltage range for full load operation | 187 ~ 275 V ( $\pm$ 5V)                                                                                                                                                                                                                  |
| Batteries and runtime                       |                                                                                                                                                                                                                                          |
| Battery type                                | Lithium-ion                                                                                                                                                                                                                              |
| Runtime (5000W/2500W)                       | 5 min / 12 min                                                                                                                                                                                                                           |
| External battery                            | SRTL180RMBP2U (connect up to 10 external battery packs)                                                                                                                                                                                  |
| Communications and management               |                                                                                                                                                                                                                                          |
| Interface port(s)                           | USB-A, Ethernet, Universal I/O, EPO                                                                                                                                                                                                      |
| Network management                          | Network Management Card Embedded                                                                                                                                                                                                         |
| Control panel                               | Auto-rotating, multicolor high resolution LCD with virtual touch keys                                                                                                                                                                    |
| Physical                                    |                                                                                                                                                                                                                                          |
| Net HxWxD                                   | 86mm (2U) x 432mm x 795mm (after cable gland)                                                                                                                                                                                            |
| Net weight                                  | 60lbs (27.2kg)                                                                                                                                                                                                                           |
| Environmental                               |                                                                                                                                                                                                                                          |
| Operating environment                       | 0 – 40 °C (32 – 104 °F)                                                                                                                                                                                                                  |
| Operating elevation                         | 0-3000 meters (0-10000 feet)                                                                                                                                                                                                             |
| Storage temperature                         | -15 – 45 °C (5 – 113 °F) short term storage                                                                                                                                                                                              |
| Storage relative humidity                   | 0 – 95%, non-condensing                                                                                                                                                                                                                  |
| Storage elevation                           | 0-15000 meters (0-50000 feet)                                                                                                                                                                                                            |
| Conformance                                 |                                                                                                                                                                                                                                          |
| Regulatory approvals                        | UPS: EN/IEC 62040-1, VDE, CE, UKCA, IEC 62040-2 / EN IEC 62040-2<br>Battery Pack and RBC: EN/IEC 62040-1, IEC 62619, UN 38.3, CE, UKCA<br>Electronic circuits and software controls in the battery pack are evaluated as per IEC 60730-1 |
| Standard warranty                           | 5-Year UPS and batteries                                                                                                                                                                                                                 |

Life Is On

**Schneider**  
Electric

Learn more today!

[apc.com/smart-ups-ultra](https://apc.com/smart-ups-ultra)

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