We invented the modular UPS, now we are reinventing it.

2.5x more scalable power protection in half the size with Lithium-ion batteries

The world's most popular UPS is now available with a compact, modular design and improved battery life. APC Smart-UPS Modular Ultra offers trusted, premium power protection to ensure network and data availability. Designed for local edge environments and row data centers, the Smart-UPS Modular Ultra provides consistent and reliable connectivity at the most critical moments. For the first time, scale up to 20kW of single-phase power protection in a smaller, lighter and more powerful modular UPS in a rack mount or standalone tower solution. More scalable power in less space enables you to adapt fast and scale as your business grows. Increased UPS battery life and fewer maintenance service costs provide a lower total cost of ownership over 10 years.

That's Certainty in a Connected World.

The most sustainable modular UPS of its kind

Best-in-class embedded carbon reduction, agile power & runtime scaling

50% smaller, 60% lighter, 2.5x more power
Next-gen semiconductor technology gives this UPS 2.5x more power in half the size.

Redundant displays
Touchscreen display with Start-up wizard, access to status and configuration menus & data, including serial number. One-line diagram with UPS status when display is in power saving mode.

Modular, scalable & redundant
Smart-UPS Modular Ultra features more redundancy: power, battery, displays and intelligence modules.
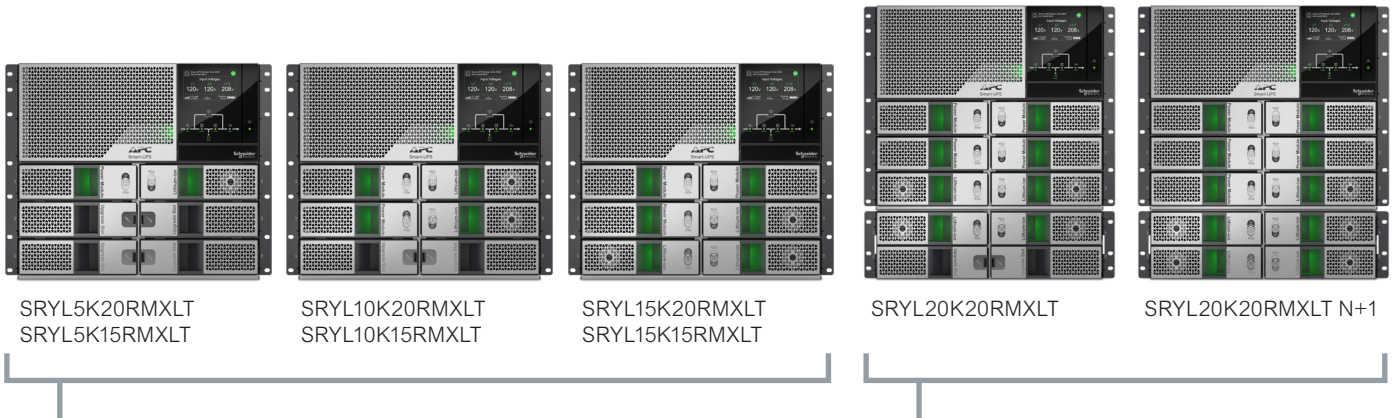
LED status indicators
At-a-glance UPS and module status.

Universal Bays
Module Bays within the 9U UPS chassis allow you to add power or battery modules based on your current needs.

EcoStruxure Ready
Connect to EcoStruxure™ IT via the embedded network port.

3x the battery life
Lithium-ion batteries last 8-10 years (3x VRLA), reducing Total Cost of Ownership.

Why choose a modular UPS?

The modular design allows you to scale power, runtime or redundancy

| SRYL5K20RMXLT | SRYL10K20RMXLT | SRYL15K20RMXLT | SRYL20K20RMXLT | SRYL20K20RMXLT N+1 |
| SRYL5K15RMXLT | SRYL10K15RMXLT | SRYL15K15RMXLT | | |

5kW scalable to 15kW or 10kW N+1

Based on our most popular modular UPS

- 100A input AC Tray is backwards compatible with Symmetra LX wiring
- 9U height scales up to 15kW without changing your UPS footprint

Scalable to 20kW N+1

Up to 20kW of single phase power protection

- 125A input AC Tray scales up to 20kW power protection in a single phase UPS
- 9U height up to 15kW, 12U height for 20kW
- 3U height external battery chassis included with SRYL20K20RMXLT

Service the UPS while maintaining the IT load

Service bypass unit

- When installed on top of the UPS, the service bypass unit allows utility power to bypass the UPS
- Lock out tag out feature to prevent unintended bypass of the UPS

SRYLSBP20KP

Which modular UPS
for the application?

Smart-UPS Modular Ultra Rackmount

Incorporate the Smart-UPS Modular Ultra into a rack for an integrated solution with 2.5x more power in half the size for more U-space. The unit fits into standard racks for an organized deployment of equipment and a smooth installation.

Smart-UPS Modular Ultra Tower

Get more out of your standalone UPS with the Smart-UPS Modular Ultra tower providing 2.5x more power protection and available U-space. This unit has a flexible installation to accommodate power needs where necessary.

Designed for Certainty in a Connected World

More power, more runtime or both
Scalable to 20kW N+1 (20RMXLT)

- The universal bays of the UPS allows for either power or battery modules in each slot.
- Gain more resiliency by adding redundant power or battery modules
- Each external battery chassis has 4 battery module bays.
- Supports up to 6 battery chassis with 4 battery modules each
- The UPS requires a 1:1 battery module to power module ratio. A fully populated 15kW UPS will need 3:3, a 20kW UPS 4:4 and a 20kW N+1 system 5:5.
- The UPS system can support more battery modules than power modules.

SRYL5KPMT   SRYLBM
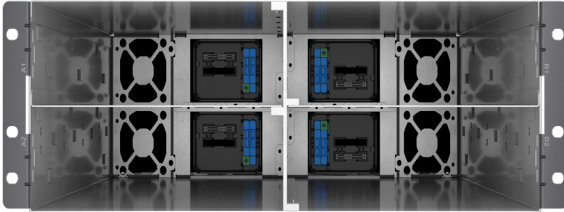
SRYLFXBPRM4

Runtime estimates

| Half/Full Loads	2500/5000W	5000/10,000W	7,500/15,000W	10,000/20,000W
Minimum batteries	(1) 12.4/5.6 min	(2) 12/5.6 min	(3) 12.7/5.7 min	(4) 12.4/5.5 min
Minimum batteries +1	(2) 24.1/11.5 min	(3) 19.1/9 min	(4) 16.4/7 min	(5) 14.8/6.9 min

Visit apc.com for additional runtime data and curves on the Smart-UPS Modular Ultra product pages.

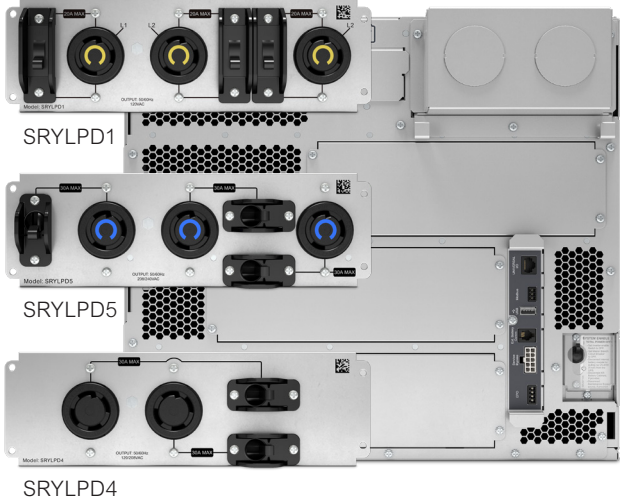# Designed for ease of use

At-a-glance status

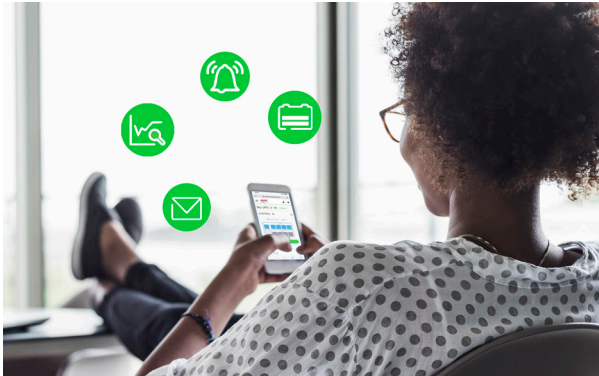Colored LEDs and a touchscreen display provide instant UPS, power or battery module status.
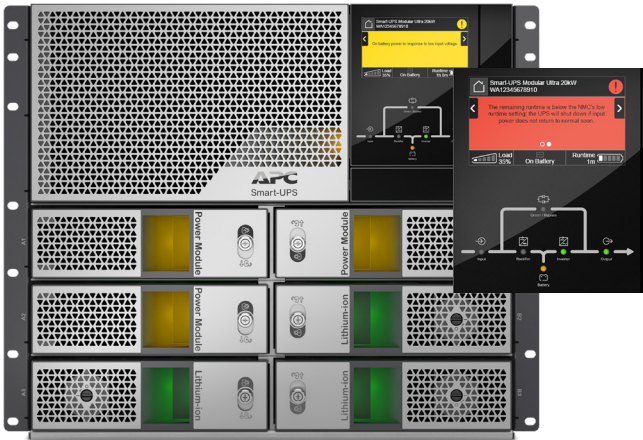
User Selectable PDUs

Smart-UPS Modular Ultra allows you to hardwire your power protection or choose the Power Distribution Units (PDUs) that match your IT needs.

SRYLPD1

SRYLPD5

SRYLPD4

Smart-UPS software & services

EcoStruxure IT

Maximize the performance of your APC Smart-UPS

Bring your IT infrastructure to a new level of resilience, security, and sustainability with EcoStruxure IT software solutions. Gain operational excellence and ensure business continuity by enabling secure monitoring, management, insights, planning, and modeling.

se.com/dcim

EcoCare for Single Phase UPS

Unlock exclusive support provided by an EcoCare membership

Unlock exclusive support with an EcoCare membership. Get access to mySchneider, Field Services experts and more to help improve your business efficiency.

se.com/ecocare

PowerChute Serial Shutdown

UPS manageability at your fingertips

UPS management, graceful shutdown, and energy management software for computers, and servers using dedicated serial or USB connections.

apc.com/pcss
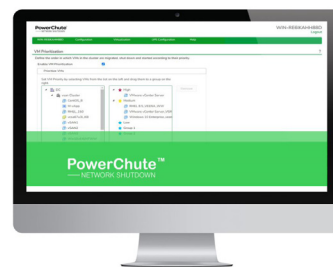
PowerChute™ Network Shutdown

Power protection for server and hyper-converged infrastructures

APC PowerChute is a UPS management software enabling graceful system shutdowns and start-up of your IT infrastructure, and providing energy management capabilities.

apc.com/pcns

Smart-UPS Modular Ultra accessories

UPS management accessories

- AP9834: APC USB Wi-Fi Device
- AP9810: dry contact I/O accessory
- AP9335T & AP9335TH: sensor
- SRYLFSU1: APC Smart-UPS Modular Ultra UPS Communication Card
- SRYLFSU2: APC Smart-UPS Modular Ultra XBP Communication Card

AP9834

User Selectable PDUs

- SRYLPD1: APC Backplate Kit with 3x NEMA L5-20R Outlets for Smart-UPS Modular Ultra
- SRYLPD2: APC Backplate Kit with 6x NEMA 5-20R Outlets for Smart-UPS Modular Ultra
- SRYLPD3: APC Backplate Kit with 3x NEMA L5-30R Outlets for Smart-UPS Modular Ultra
- SRYLPD4: APC Backplate Kit with 2x NEMA L14-30R for Smart-UPS Modular Ultra SRYL
- SRYLPD5: APC Backplate Kit with 3x NEMA L6-30R Outlets for Smart-UPS Modular Ultra
- SRYLPD7: APC Backplate Kit with 3x NEMA L6-20R Outlets for Smart-UPS Modular Ultra
- SRYLPD0: APC PDU Blanking Panel rear for Smart-UPS Modular Ultra

SRYLPD1

SRYLPD4

SRYLPD5

UPS accessories

- SRYLSBP20KP: APC Smart-UPS Modular Ultra Service Bypass Unit
- SRYL5KPMT: APC Smart-UPS Modular Ultra 5kW/5kVA Power Module 208V
- SRYLBM: APC Smart-UPS Modular Ultra Lithium-ion Battery Module for Extended Runtime Options
- SRYLRMXBP: APC Smart-UPS Modular Ultra External Battery Pack with 4 Battery Modules Rackmount
- SRYLFXBPRM4: APC Smart-UPS Modular Ultra External Battery Frame Rackmount, holds 4 battery modules
- SRYLIM: APC Smart-UPS Modular Ultra Intelligence Module Replacement
- SRYLF15KRMT: APC Smart-UPS Modular Ultra UPS Frame 9U (no power or battery modules), Scalable to 15kW N+1 Redundant Rackmount 208/120V
- SRYLF20KRMT: APC Smart-UPS Modular Ultra UPS Frame and Battery Chassis 11U (no power or battery modules), Scalable to 20kW N+1 Redundant Rackmount 208/120V
- SRYLFSU6A: 125A APC Smart-UPS Modular Ultra AC Tray
- SRYLFSU6B: 100A APC Smart-UPS Modular Ultra AC Tray
- SRYLFSU7: 125A Input/Output wiring tray
- SRYLOPT1: APC Smart-UPS Modular Ultra 4 Post UPS Rail Kit
- SRYLOPT2: APC Smart-UPS Modular Ultra 2 Post UPS Rail Kit
- SRYLOPT3: APC Smart-UPS Modular Ultra 4 Post XBP Rail Kit
- SRYLOPT5: APC Smart-UPS Modular Ultra 2 Post XBP Rail Kit
- SRYLOPT8: APC Smart-UPS Modular Ultra 8 Ft. Battery Cable Ext. for External Battery Pack

SRYLSBP20KP

SRYLRMXBP

SRYLF15KRMT

Smart-UPS Modular Ultra

SKU technical specifications

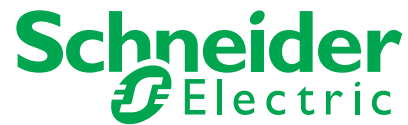|	Smart-UPS Modular Ultra rackmount, scalable to 5-20kW			
Topology	On-Line			
Output				
Output power capacity	5kVA/5kW	10kVA/10kW	15kVA/15kW	20kVA/20kW
Nominal output voltage	120V / 208V, 120V / 240V			
Output voltage distortion	0.5% - full linear load			
Output frequency	50Hz / 60Hz ± 3Hz (Auto Sense), 50Hz / 60Hz ± 0.1Hz User Selectable, 50Hz / 60Hz ± 3Hz User Selectable			
Waveform type	Sine Wave			
Output connections	Hard wire 4-wire (2P + N + E), Optional User Selectable PDUs			
Efficiency green mode	up to 97%			
Input				
Nominal input voltage	120V / 208V, 120V / 240V			
Input frequency	40Hz - 70Hz Auto-Sensing			
Input connections	Hard wire 4-wire (2P + N + E)			
Input voltage range for main operations	95V - 150V /165V - 260V			
Batteries and runtime				
Battery type	Lithium-ion			
Runtime (full load/ half load)	visit apc.com for runtime information			
External battery	Yes - connect up to 6 battery frames, each with 4 SRLYBM battery modules			
Communications and management				
Interface port(s)	Ethernet, Universal I/O, Smart Slot, Modbus, EPO, USB Host x 2			
Network management	Network Management Card Embedded			
DIsplay	Multicolor high resolution Capacitive LCD Touchscreen, One-line diagram, On/Off Button			
Physical				
Maximum HxWxD	UPS Frame 9U 390mm (15.4in) x 440mm (17.4in) x 700mm (28in)			
	UPS Frame 9U + Battery Chassis 3U 520mm (20.5in) x 440mm (17.4in) x 740mm (29.2in)			
Net weight	5kW 160Ib (72.5kg)	10kW 202Ib (91.5kg)	15kW 244Ib (110.5kg)	20kW 327.4lb (148.5kg)
Environmental				
Operating environment	32 – 104 °F (0 – 40 °C)			
Operating elevation	0-10000 feet (0-3000 meters)			
Storage temperature	5 – 113 °F (-15 – 45 °C) short term storage			
Storage relative humidity	0 – 95%, non-condensing			
Storage elevation	0-50000 feet (0-15000 meters)			
Conformance				
Regulatory approvals	UPS: CUL listed UL1778, FCC Part 15 subpart B Class A Battery Pack : CUL recognized UL1973 and IEC 60730, UN38.3, FCC Part 15 subpart B class A, PSE, UKCA			
Standard warranty	5-Year UPS and batteries			

Smart-UPS
Modular Ultra Tower

SKU technical specifications

	Smart-UPS Modular Ultra tower, scalable to 5-20kW			
Topology	On-Line			
Output				
Output power capacity	5kVA/5kW	10kVA/10kW	15kVA/15kW	20kVA/20kW
Nominal output voltage	120V / 208V, 120V / 240V			
Output voltage distortion	0.5% - full linear load			
Output Frequency	50/60 Hz ± 3 Hz (auto sense follow input AC frequency), 50 or 60 ± 1Hz (battery mode)			
Waveform Type	Sine Wave			
Output Connections	Hard wire 4-wire (2P + N + E), Optional User Selectable PDUs			
Efficiency green mode	up to 97%			
Input				
Nominal input voltage	120V / 208V, 120V / 240V			
Input frequency	40Hz - 70Hz Auto-Sensing			
Input connections	Hard wire 4-wire (2P + N + E)			
Input voltage range for main operations	95V - 150V /165V - 260V			
Batteries and runtime				
Battery type	Lithium-ion			
Runtime (full load/ half load)	visit apc.com for runtime information			
External battery	Yes - connect up to 6 battery frames, each with 4 SRLYBM battery modules			
Communications and management				
Interface port(s)	Ethernet, Universal I/O, Smart Slot, Modbus, EPO, USB Host x 2			
Network management	Network Management Card Embedded			
DIsplay	Mulitcolor high resolution touch screen LCD, On/Off button			
Physical				
Tower 18U HxWxD	942mm x 600mm x 900mm			
Tower 24U HxWxD	1198mm x 600mm x 900mm			
Tower 18U net weight	184kg (SRYL5K20XLT18) 163kg (SRYL5K15XLT18)	204kg (SRYL10K20XLT18) 183kg (SRYL10K15XLT18)	223kg (SRYL15K20XLT18) 202kg (SRYL15K15XLT18)	242kg
Tower 24U net weight	195kg (SRYL5K20XLT18) 175kg (SRYL5K15XLT18)	215kg (SRYL10K20XLT18) 194kg (SRYL10K15XLT18)	234kg (SRYL15K20XLT18) 213kg (SRYL15K15XLT18)	253kg
Environmental				
Operating environment	32 – 104 °F (0 – 40 °C)			
Operating elevation	0-10000 feet (0-3000 meters)			
Storage temperature	5 – 113 °F (-15 – 45 °C) short term storage			
Storage relative humidity	0 – 95%, non-condensing			
Storage elevation	0-50000 feet (0-15000 meters)			
Conformance				
Regulatory approvals	UPS: CUL listed UL1778, FCC Part 15 subpart B Class A Battery Pack : CUL recognized UL1973 and IEC 60730, UN38.3, FCC Part 15 subpart B class A, PSE, UKCA			
Standard warranty	5-Year UPS and batteries			

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Learn more today!

apc.com/smart-ups-modular-ultra

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HPE Synergy Tested
GOLD PARTNER

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APPLICATION SOFTWARE

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