APC

Smart-UPS Lithium-ion

Lower operating costs. Perfect for distributed IT.

Trusted protection with 3x the battery life from 500VA to 3000VA

apc.com/lithium-ion

Life Is On | **Schneider** Electric

The world's most popular network and server UPS now with Lithium-ion batteries

Smart-UPS Lithium-ion integrated into 6U low profile wall mount Micro Data Center with APC NetBotz Security & Environmental Monitoring.

Short depth UPS*

The Smart-UPS Lithium-ion short depth UPS fit shallow depth and regular racks, giving you extra space for cable management.

Lithium-ion batteries last 3x longer than VRLA

Smart-UPS Lithium-ion batteries last 3x longer than VRLA batteries. You don't have to replace the battery for 8-10 years.**

Built-in remote management

Built-in secure cloud monitoring with the EcoStruxure Ready Smart-UPS Ethernet Port.

Broad range of power options

Smart-UPS Lithium-ion is available from 500VA to 3000VA.

Perfect for various applications

Small edge environment, retail back office and store network. Healthcare, K-12, Higher Ed, larger retail locations, banks and grocery stores. Supports back office, network infrastructure and IDF/MDF closets

*Short depth available in 500VA/750VA/1000VA/1500VA models
**Under similar operating conditions

Save up to 50% on TCO with Smart-UPS Lithium-ion

APC Smart-UPS with Lithium-ion technology enables IT professionals to lower Total Cost of Ownership (TCO) by minimizing UPS maintenance and offering remote UPS management across distributed environments.

APC™ award-winning Smart-UPS™ is the most popular UPS in the world for servers, storage and network power protection. Now available with Lithium-ion batteries which provide 3X the battery life (8-10 years) compared to valve-regulated lead-acid (VRLA) batteries (3-5 years). Smart-UPS Lithium-ion features short depth models from 500VA-1500VA to help save space for cable management or for rack mounting.

All Smart-UPS are Ecostruxure™ Ready with the SmartConnect Ethernet Port, the only build-in cloud monitoring option on the market Smart-UPS provides availability and manageability via your network allowing you to focus on business growth instead of business downtime.

Smart-UPS Lithium-ion features

Intelligent and efficient network power protection. Ideal for servers, routers, switches, hubs and other network devices.

Save up to 15" of space on the short depth models*

Short depth UPS*

Suitable for short depth and standard racks. Short Depth UPS provides extra space for cable management.

Built-in remote management

Built-in secure cloud monitoring with the EcoStruxure Ready Smart-UPS Ethernet Port. Pre-installed Network Management options for remote management and control.

Lithium-ion batteries

Up to 65% lighter and 3X longer life than VRLA batteries.

Five-year warranty

Peace of mind with a five-year warranty on both electronics and internal batteries.

Network-grade power

Provides stable and conditioned power by filtering noise, automatic voltage regulation (AVR) and surge protection.

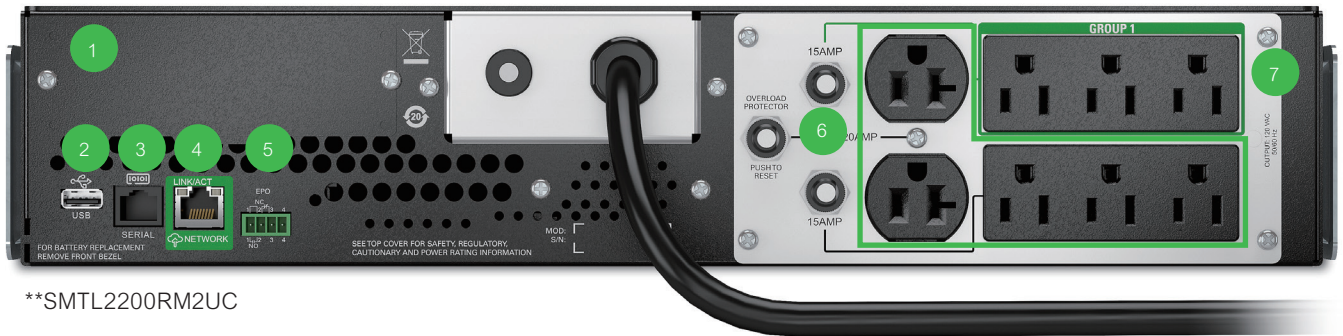## Intelligent battery management system

Monitoring at the cell level to manage voltage helps Lithium-ion batteries provide a higher level of performance.

Built-in energy meter

Measures energy use and displays UPS efficiency in operating modes for easy tracking

*Short Depth available in 500VA/750VA/1000VA/1500VA models

Smart-UPS Lithium-ion continued

**SMTL2200RM2UC

1. SmartSlot for network accessory card
2. USB port
3. Serial port
4. EcoStruxure Ready Ethernet Port

5. Emergency Power Off
6. Main outlet group
7. Switched outlet group

Switched outlet group

Control a group of output load receptacles independent from the main UPS:

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

Communication ports

Options of Serial, USB, EcoStruxure Ready Ethernet Port and SmartSlot™ for network accessory cards.

Communication protocols

Choose from Modbus serial, USB PowerSummary, HTTP, SNMP and Telnet.

Flash upgradeable firmware

Allows for field updates of firmware via communication ports or Network Management Card (NMC).
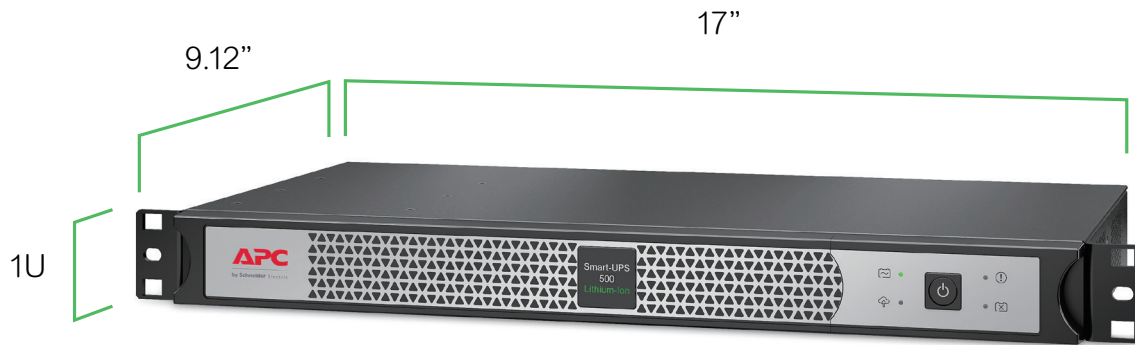
Input circuit breaker

Re-settable protection.

High-efficiency green mode

Achieves up to 96% efficiency which minimizes utility and cooling costs without compromising UPS performance or reliability

Smart-UPS SC Lithium-ion features

Power protection for entry-level servers, voice and data networks

Short depth UPS

At 9.14 in, the Smart-UPS Lithium-ion SCL is the smallest 1U 500VA UPS available today.

Lithium-ion batteries

Up to 65% lighter and 3X longer life than VRLA batteries.

Communication ports

Easy connection and initialization by Serial ports.

Use USB with Serial to USB adapter.

*EcoStruxure Ready Ethernet Port for built-in easy-to-use remote monitoring feature that provides automatic notifications, firmware updates and advanced support services. Ideal for small business monitoring.

Rich communication ports embedded**

Allows users to remote monitor and control the UPS remotely via secure network browsers or external command line interfaces. Ideal for fleet management.

Rugged sheet metal

Construction rigidly holds and protects critical electrical components.

Rack/tower convertible

Provides flexibility to change from a rack to tower installation using optional accessory.

Audible alarms

Provides alarm notification of changing utility power and UPS power conditions.

*APC SmartConnect feature available on the "C" suffix model

**Embedded Network Management Card option available on the "NC" suffix model

Smart-UPS management solutions

EcoStruxure Ready
Built-in Cloud monitoring
Connect to either the Smart-UPS Portal or to EcoStruxure IT via the SmartConnect Ethernet Port

UPS Network Management Cards
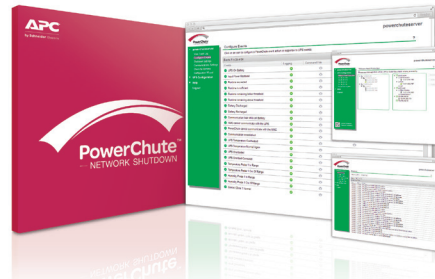### Connect directly to your network
A UPS Network Management Card allows for secure remote monitoring and control of an individual UPS
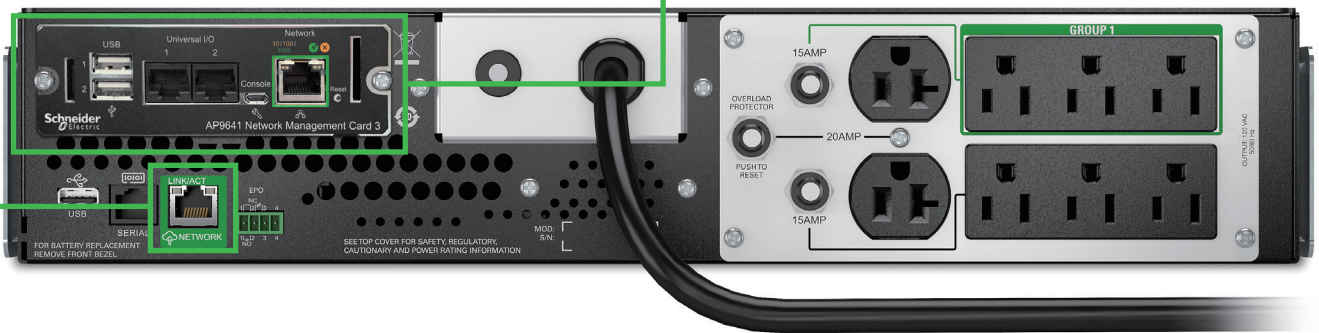
PowerChute Business Edition

Built-in manageability for your UPS

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

## 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.

*Embedded Network Management Card option available on the "NC" suffix model

EcoStruxure Ready Smart-UPS
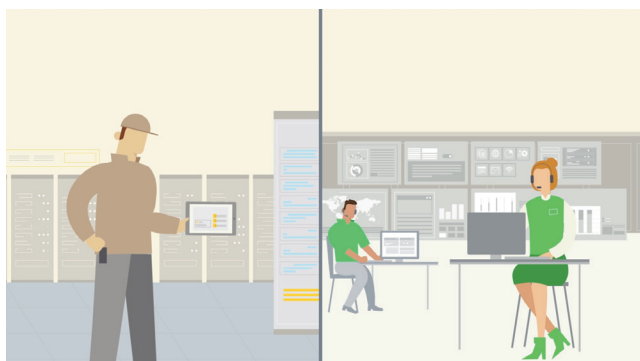
Secure monitoring and UPS fleet management.
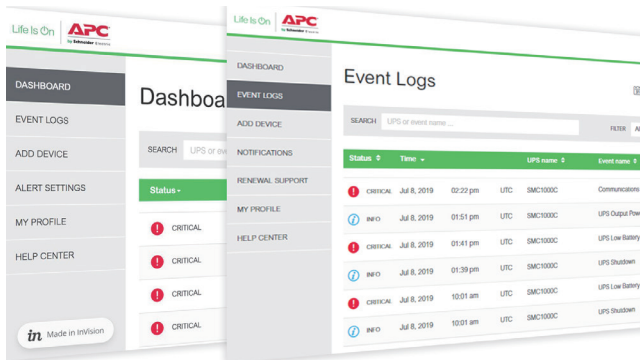
Built-in EcoStruxure Ready Smart-UPS Port

Secure web portal for basic monitoring

Provides visibility directly to the customer to help make proactive decisions and maximize uptime.
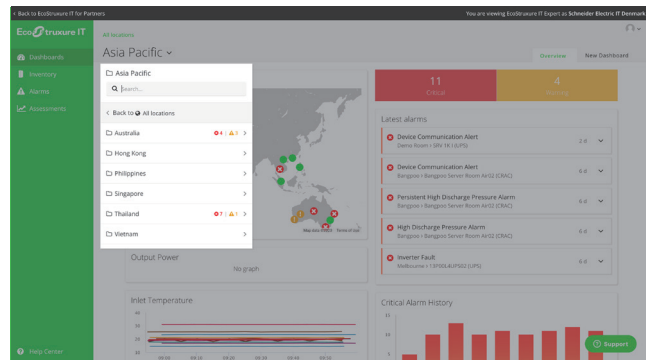
Ideal for small and medium businesses who prefer to self-manage.

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.
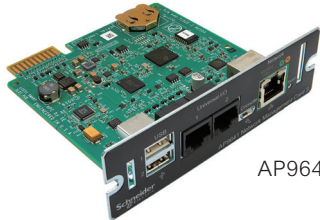

EcoStruxure IT Monitoring and Dispatch

We monitor and service

We provide monitoring and maintenance services on your behalf. Ideal for IT solution providers who want to add service without additional cost to your business model.
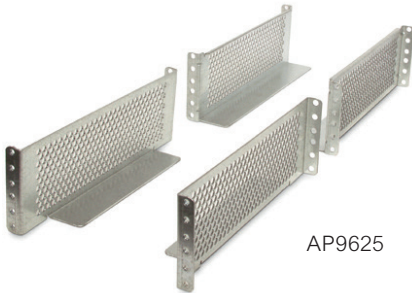
Smart-UPS accessories

AP9641

AP9834

UPS management accessories

- **AP9640:** UPS network management card
- **AP9641:** UPS network management card with environmental monitoring
- **AP9643:** UPS network management card with environmental monitoring, out-of-band access and Modbus
- **AP9834:** APC USB Wi-Fi Device [compatible with AP9641 & AP9643]

AP9625

Rail Kit options

- **AP9625:** APC Smart-UPS two-post rail kit

Service bypass panels

- **SBP1500RM:** APC service bypass PDU, 120V; 15 amp with (8) NEMA 5-15R

AP9562

Power distribution units
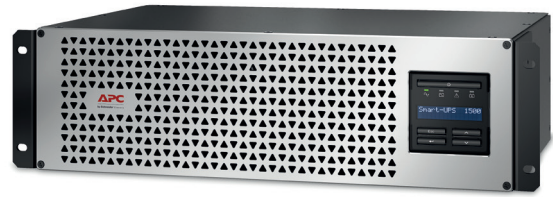
- **AP9562:** APC Rack PDU, Basic, 1U, 15A, 120V, (10) NEMA 5-15R
- **AP9567:** APC Rack PDU, Basic, Zero U, 15A, 120V, (14) NEMA 5-15R
-

Feet for UPS tower conversion

- **SMTL2USF:** APC SmartUPS SMTL 1000/750VA Tower Mounting Stabilizing Kit
- **SMTL3USF:** APC SmartUPS SMTL 1500VA Tower Mounting Stabilizing Kit
- SMTL 2200/3000 VA Tower Mounting Stabilizing Kit launching soon

Product family

SKU technical specifications

	SCL500RM1UC *SCL500RM1UNC	SMTL750RM2UC * SMTL750RM2UCNC	SMTL1000RM2UC *SMTL1000RM2UCNC	SMTL1500RM3UC *SMTL1500RM3UCNC
Topology	Line Interactive			
Output				
Output power capacity	400 Watts / 500 VA	600 Watts / 750 VA	800 Watts / 1000 VA	1350 Watts / 1500 VA
Nominal output voltage	120V			
Output voltage distortion	Less than 5% at full load			
Output frequency (sync to mains)	50/60 Hz +/- 3 Hz (auto sensing)			
Waveform type	Sine Wave			
Output connections	(4) NEMA 5-15R	(6) NEMA 5-15R		
Switched outlet group	Yes/One			
Efficiency at full load	>96%			
Input				
Nominal input voltage	120V			
Input frequency	50/60 Hz +/- 3 Hz (auto sensing)			
Input connections	NEMA 5-15P			
Input voltage range for main operations	92 – 139Vac	82 – 144Vac		
Batteries and runtime				
Battery type	Lithium-ion			
Runtime (Full load/ Half load)	2.7 / 6.3 min	5.7 / 13.8 min	8 / 19 min	5 / 12.6 min
Communications and management				
Interface port(s)	USB Type A, APC SmartConnect (RJ45) – only on the "C" suffix model	Serial (RJ45), SmartSlot, USB, APC SmartConnect (RJ45)		
SmartSlot™ interface availability	0, *embedded Network Management Card in "NC" suffix model	Yes. (AP9641 is pre-installed in -NC models)		
Control panel	LED display	Multi-function LCD status and control console		
Physical				
Net HxWxD	1.75" x 17" x 9.14"	3.39" x 17.25" x 12.5"	3.39" x 17.25" x 12.5"	5.14" x 17.25" x 12"
Rack height	1U	2U	2U	3U
Net weight	9.2 lbs	34 lbs	36 lbs	43 lbs
Shipping weight	14.2 lbs	39 lbs	41lbs	50 lbs
Shipping HxWxD	6.6" x 23.2" x 13.3" for both	9" x 23" x 18.6"	9" x 23" x 18.6"	11" x 17.64" x 23"
Color	Black [Silver front bezel]			
Environmental				
Operating environment	32 – 104 °F (0 – 40 °C)			
Operating relative humidity	0 – 95%			
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	0-25,000 feet (0-7620 meters)			
Audible noise at 1 meter from surface of unit	< 45.0dBA			
Conformance				
Regulatory approvals	UL 1778, UL 1973, CSA			
Standard warranty	5-Year UPS and batteries			

Product family

SKU technical specifications

	SMTL2200RM2UC SMTL2200RM2UCNC*	SMTL3000RM2UC SMTL3000RM2UCNC*
Topology	Line Interactive	
Output		
Output power capacity	1920 Watts / 2200VA	2700 Watts, 3000VA
Nominal output voltage	120V	
Output voltage distortion	Less than 5% at full load	
Output frequency (sync to mains)	50/60 Hz +/- 3 Hz (auto sensing)	
Waveform type	Sine Wave	
Output connections	(8) NEMA 5-15R, (2) NEMA 5-20R	
Switched outlet group	Yes/One	
Efficiency at full load	>96%	
Input		
Nominal input voltage	120V	
Input frequency	47 ~ 63 Hz +/- 3 Hz (auto sensing)	
Input connections	NEMA 5-20P	NEMA L5-30P
Input voltage range for main operations	63Vac ~ 154Vac	
Batteries and runtime		
Battery type	Lithium-ion	
Runtime (Full load/ Half load)	4 / 8 min	6 / 12 min
Communications and management		
Interface port(s)	Serial (RJ45), SmartSlot, USB, APC SmartConnect (RJ45)	
SmartSlot™ interface availability	Yes. (AP9641 is pre-installed in -NC models)	
Control panel	Multi-function LCD status and control console	
Physical		
Net HxWxD	3.39 x 17.01 x 26.89 inches	
Rack height	2U	
Net weight	73.37 lbs	77.7 lbs
Shipping weight	89.71 lbs	94.05 lbs
Shipping HxWxD	10" x 23.62" x 38.6"	
Color	Black [Silver front bezel]	
Environmental		
Operating environment	32 – 104 °F (0 – 40 °C)	
Operating relative humidity	0 – 95%	
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 (0-15240 meters)	
Audible noise at 1 meter from surface of unit	< 55 dBA	
Conformance		
Regulatory approvals	UL 1778 2nd, UL1973, CSA	
Standard warranty	5-Year UPS and batteries	

Life Is On | Schneider Electric
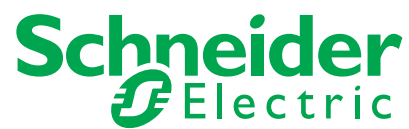
Learn more today!

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