



TAA Compliant APC Smart-UPS

Certainty in a Connected World

APC offers Uninterruptible Power Supplies (UPSs) that **meet the requirements of the Trade Agreement Act (TAA) and are assembled in the U.S.A.** The TAA Compliant Smart-UPS are intelligent and efficient network power protection products ideal for supporting servers, point-of-sale devices, routers, switches, hubs and other network devices.



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TAA Compliant APC Smart-UPS

TAA refers to the Trade Agreements Act (19 U.S.C & 2501-2581), which is intended to foster fair and open international trade. TAA **requires that the U.S. Government may acquire only “U.S. – made or designate country end products”**.

APC offers Uninterruptible Power Supplies (UPSs) that meet the requirements of the Trade Agreement Act (TAA) and are **assembled in the U.S.A.** These products are also compliant with the GSA (General Services Administration) schedules. The TAA Compliant Smart-UPS are intelligent and efficient network power protection products ideal for supporting:

- Servers
- Routers
- Switches
- Hubs
- Security systems
- Data storage
- Edge compute
- Network devices



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by Schneider Electric

TAA Compliant APC Smart-UPS

SMX: Smart-UPS Line Interactive Performance Series



IDEAL FOR:

- Convertible extended run models for critical servers and voice/data switches
- Expanded power needs via additional battery pack option

SMX Features

- ✓ **Network-grade power conditioning**
Filters noise, provides automatic voltage regulation (AVR), and includes surge protection
- ✓ **Sine-wave output on battery**
Compatibility with a broad range of IT power supplies whether online or on battery
- ✓ **LCD display**
Intuitive interface provides key status at a glance
- ✓ **Battery disconnect**
Convenient way to disconnect battery for transport (tower models)
- ✓ **High-efficiency green mode**
Optimal efficiency that saves utility and cooling costs
- ✓ **Slim 2U rack/tower and 4U short-depth convertible forms**
Display rotates easily for use in or out of a rack
- ✓ **High-frequency design**
Reduces size of (or eliminates) bulky transformers, making installation even easier
- ✓ **Low-voltage models**
(2-3 kVA) Configurable output from 100V-127 V on low voltage models
- ✓ **Models available with pre-installed network cards:**
Models with "NC" suffix have pre-installed AP9631 network cards with environmental monitoring
- ✓ **Smart external battery connector**
Accepts external batteries and increases runtime automatically to increase availability
- ✓ **Switched outlet groups**
Enables you to reboot hung devices, shed non critical loads to conserve runtime, and sequence start-up/turn off

SRT: Smart-UPS Double Conversion Online Essential Series



IDEAL FOR:

- Data networks, voice networks, industrial applications, and medical devices/lab
- Demanding power conditions
- Aggressive runtimes

SRT Features

- ✓ **Best-in-class power density**
More real power in watts, 0.82 to 0.9 pf on the 1, 1.5, 2.2 and 3 kVA models. 0.85 pf on 5 kVA and Unity on 6 kVA – 10 kVA units
- ✓ **Graphical LCD display with multicolor backlight**
Intuitive interface provides detailed & accurate information with ability to configure locally
- ✓ **Intelligent battery management**
Temperature-compensated charging extends life & advanced algorithms recommend replacement date. Informs user which batteries need to be replaced & auto-detects additional added battery packs
- ✓ **Built-in energy meter**
Measures energy use and displays UPS efficiency in various modes of operation for easy energy tracking
- ✓ **High-efficiency green mode**
Achieves 97% efficiency, which helps save utility & cooling costs without compromising performance or reliability. Energy Star® compliant
- ✓ **Operate without battery**
Ability to immediately protect equipment when power returns after a complete discharge of the battery
- ✓ **Three-year warranty on electronics**
Additional year of warranty protection for electronics provides peace of mind
- ✓ **Switched outlet group(s)**
Ability to control a group of output load receptacles independent from the main UPS
- ✓ **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 accessory cards
- ✓ **Communication protocols**
Modbus Serial, USB PowerSummary, HTTP, SNMP, and Telnet

TAA Compliant APC Smart-UPS technical specifications

UPS Model	SMX1000US	SMX1500RMNCUS	SMX1500RMUS	SMX2000LVNCUS	SMX2000LVUS
Output					
Power Capacity	1000 VA / 800W	1.44 kVA / 1.2 KW		1.92 kVA / 1.8 KW	
Nominal Output Voltage	120 V				
Output Frequency Range (sync mode)	50/60 Hz +/- 3 Hz				
Topology and output waveform	Line Interactive – Sine wave output				
Output Connections	(8) NEMA 5-15R			(3) NEMA 5-20R, (1) L5-20R, (6) NEMA 5-15R	
Input					
Nominal Input Voltage	120 V				
Input Frequency	50/60 Hz +/- 3 Hz (autosensing)				
Input Voltage Range	82 – 143 V			70 - 153 V	
Input Connection	NEMA 5-15P			NEMA 5-20P	
Batteries					
Battery Type	Maintenance-free sealed lead-acid battery with suspended electrolyte, leak proof				
Replacement Battery	APCRBC116 (1)	APCRBC115 (1)		APCRBC143 (1)	
Runtime Estimates at full and half load, min					
Half Load Runtime (min)	24.2 min	17.2 min	17.2 min	27.6 min	
Full Load Runtime (min)	8.1 min	5.8 min	5.8 min	11 min	
Communication and management					
Interface Ports	SmartSlot, USB	RJ-45 10/100Base-T, SmartSlot, USB	SmartSlot, USB	RJ-45 Serial, SmartSlot, USB	SmartSlot, USB
Pre-Installed Smartslot™ Cards	N/A	AP9631	N/A	AP9631	N/A
Control panel	Multi-function LCD status and control console				
Emergency power off (EPO)	Yes	No	Yes	No	Yes
Conformance					
Regulatory	cUL Listed, ENERGY STAR V1.0 (USA), UL 1778			BSMI, CSA, EN 50091-2, EN 55022 Class A, ENERGY STAR V1.0 (USA), FCC Part 15 Class A, NOM, TUV, UL 1778, VCCI Class A	
Warranty	3 years electronics, 2 years battery				

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TAA Compliant APC Smart-UPS technical specifications

UPS Model	SMX2200RMLVUS	SMX2KRMLVNCUS	SMX3000HVTUS	SMX3000LVNCUS	SMX3000LVUS
Output					
Power Capacity	2.2 kVA / 1.98KW	1.92 kVA / 1.8KW	3 kVA / 2.7KW	2.88 kVA / 2.7KW	2.88 kVA / 2.7KW
Nominal Output Voltage	120 V		208 V	120 V	
Output Frequency Range (sync mode)	50/60 Hz +/- 3 Hz				
Topology and output waveform	Line Interactive – Sine wave output				
Output Connections	(6) NEMA5-15R, (2) NEMA5-20R	(3) NEMA5-15R, (3) NEMA5-20R, (1) NEMAL5-20R	(3) IECJumpers (4) IEC 320 C13 (2) IEC 320 C19 (2) NEMA L6-20R	(6) NEMA5-15R (1) NEMAL5-30R (3) NEMA5-20R	(3) NEMA5-20R (1) NEMAL5-30R (6) NEMA5-15R
Input					
Nominal Input Voltage	120 V		208 V	120 V	
Input Frequency	50/60 Hz +/- 3 Hz (auto-sensing)				
Input Voltage Range	70 -153 V		141 – 255, 160 – 280 V	70 -153 V	
Input Connection	NEMA L5-30P		NEMA L6-20P	NEMA L5-30P	
Batteries					
Battery Type	Maintenance-free sealed lead-acid battery with suspended electrolyte, leak proof				
Replacement Battery	APCRBC117 (1)		APCRBC143 (1)		
Runtime Estimates at full and half load, min					
Half Load Runtime (min)	25.3 min	27.6 min	18 min	18 min	18 min
Full Load Runtime (min)	9.8 min	11 min	6.3 min	6.3 min	6.3 min
Communication and management					
Interface Ports	SmartSlot, USB	RJ-45 Serial, SmartSlot, USB	SmartSlot, USB	SmartSlot, USB	
Pre-Installed Smartslot™ Cards	N/A	AP9631	N/A	AP9631	N/A
Control panel	Multi-function LCD status and control console				
Emergency power off (EPO)	Yes	No	Yes		
Conformance					
Regulatory	BSMI, CSA, EN 50091-2, EN 55022 Class A, ENERGY STAR V1.0 (USA), FCC Part 15 Class A, NOM, TUV, UL 1778, VCCI Class A		C-tick, CE, CSA, EN 50091-1, EN 50091-2, EN 60950, ENERGY STAR V1.0 (USA), FCC Part 15 Class A, GOST, IRAM, UL 1778, VDE	BSMI, CSA, EN 50091-2, EN 55022 Class A, ENERGY STAR V1.0 (USA), FCC Part 15 Class A, NOM, TUV, UL 1778, VCCI Class A	
Warranty	3 years electronics, 2 years battery				

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TAA Compliant APC Smart-UPS technical specifications

UPS Model	SMX3000RMLVUS	SMX3KRMLVNCUS	SMX750US	SRT2200RMXLAUS	SRT3000XLAUS
Output					
Power Capacity	2.88 kVA / 2.7KW	2.88 kVA / 2.7KW	750 VA / 600W	2.2 kVA / 1.8 KW	3 kVA / 2.7KW
Nominal Output Voltage	120V				
Output Frequency Range (sync mode)	50/60 Hz +/- 3 Hz				
Topology and output waveform	Line Interactive – Sine wave output			Double Conversion Online – Sine wave output	
Output Connections	(3) NEMA5-15R (3) NEMA5-20R (1) NEMAL5-30R	(3) NEMA5-15R (3) NEMA5-20R (1) NEMAL5-30R	(8) NEMA 5-15R	(6) NEMA 5-20R (1) NEMA L5-20R	(8) NEMA 5-20R (1) NEMA L5-30R
Input					
Nominal Input Voltage	120V				
Input Frequency	50/60 Hz +/- 3 Hz auto sensing			40 – 70 Hz (autosensing)	
Input Voltage Range	70 – 153V		82 – 143V	108 – 150V	
Input Connection	NEMA L5-30P		NEMA 5-15P	NEMA 5-20P	NEMA L5-30P
Batteries					
Battery Type	Maintenance-free sealed lead-acid battery with suspended electrolyte, leak proof				
Replacement Battery	APCRBC117 (1)		APCRBC116 (1)	APCRBC141 (1)	APCRBC152 (2)
Runtime Estimates at full and half load, min					
Half Load Runtime (min)	18 min	18 min	37.8 min	10.3 min	10.3 min
Full Load Runtime (min)	6.3 min	6.3 min	14.2 min	3.3 min	3.2 min
Communication and management					
Interface Ports	SmartSlot, USB			RJ-45 Serial, SmartSlot, USB	
Pre-Installed Smartslot™ Cards	N/A	AP9631	N/A	N/A	N/A
Control panel	Multi-function LCD status and control console				
Emergency power off (EPO)	Yes				
Conformance					
Regulatory	BSMI, CSA, EN 50091-2, EN 55022 Class A, ENERGY STAR V1.0(USA), FCC Part 15 Class A, NOM, TUV, UL 1778, VCCI ClassA		cUL Listed, ENERGY STARV1.0 (USA), UL1778	CSA C22.2 No.107.3-05, ENERGY STAR V1.0(USA), FCC Part 15 Class A, OSHPD, UL 1778	CSA C22.2 No.107.3-05, ENERGY STAR V1.0(USA), FCC Part 15 Class A, UL1778
Warranty	3 years electronics, 2 years battery				

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TAA Compliant APC Smart-UPS technical specifications

UPS Model	SRT5KXLTUS	SRT5KRMXLTUS	SRT6KXLTUS	SRT8KXLTUS	SRT10KXLTUS
Output					
Power Capacity	5 kVA / 4.25 KW		6 kVA / 6 KW	8 kVA / 8 KW	10 kVA / 10KW
Nominal Output Voltage	208 V				
Output Frequency Range (sync mode)	50/60 Hz +/- 3 Hz				
Topology and output waveform	Double-conversion online – Sine wave output				
Output Connections	(2) NEMAL6-20R (2) NEMAL6-30R	(2) NEMAL6-20R (2) NEMAL6-30R	(1) Hard Wire 3-wire (2PH + G) (2) NEMAL6-20R (3) NEMAL6-30R		
Input					
Nominal Input Voltage	208 V				
Input Frequency	40-70 Hz auto-sensing				
Input Voltage Range	160 - 275 V				
Input Connection	NEMA L6-30P		Hard Wire 3-wire (2PH + G)		
Batteries					
Battery Type	Maintenance-free sealed lead-acid battery with suspended electrolyte, leak proof				
Replacement Battery	APCRBC140(1)		APCRBC140(1)		APCRBC140(2)
Runtime Estimates at full and half load, min					
Half Load Runtime (min)	12.6 min		8.3 min	14.4 min	11.4 min
Full Load Runtime (min)	4.4 min		2.3 min	5.2 min	3.7 min
Communication and management					
Interface Ports	RJ-45 10/100 Base-T , RJ-45 Serial , Smart-Slot , USB				
Embedded Network Card	AP9631				
Control panel	Multi-function LCD status and control console				
Emergency power off (EPO)	Yes				
Conformance					
Regulatory	CSA C22.2 No.107.3-05, ENERGY STAR V1.0 (USA), FCC Part 15 Class A, NOM, UL1778	CSA C22.2 No.107.3-05, ENERGY STAR V1.0(USA), FCC Part 15 Class A, NOM, OSHPD, UL1778	CSA C22.2 No.107.3-05, ENERGY STAR V1.0(USA), FCC Part 15 Class A, NOM, UL 1778		
Warranty	3 years electronics, 2 years battery				

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