

APC SMX1000US, Line-Interactive, 1 kVA, 800 W, Sine, 82 V, 143 V

1 kVA - 800W - 120V - 600J - 89x490x432mm - 22.86kg - Black

Group	Power Supply
Manufacturer	APC
Manufacturer item no.	SMX1000I
EAN/UPC	0731304268635



Description

Backup Battery Lets You Keep Working through Outages

Protect your server, switch, router and networking devices with the APC Smart-UPS SMX1000US. This UPS provides backup battery power in the event of a power outage monitoring and safeguarding your equipment from harmful power conditions, spikes and surges. An automatic green mode ensures you are operating at the highest level of efficiency while smart battery management maximizes performance. Use the intuitive LCD interface and PowerChute software to configure settings and monitor usage. This Smart-UPS has an 800-watt power capacity, eight battery and surge protected outlets, two controllable outlet banks and the capability to add external battery packs to extend the runtime needed for network applications. This model converts between tower and rack-mount for convenient installation depending on your needs.

Protects Electronic Equipment from Power Disruptions

Keep your electronic equipment protected through blackouts, brownouts, and other power disturbances with APC Smart-UPS. The generous runtime while on battery with the option to extend the runtime with external battery packs lets you continue working during medium to extended-length power outages. If you need to add extra runtime during an outage, attach plug-and-play external batteries for clean, uninterrupted power. Providing a greater level of control this UPS has one switchable outlet group that allows individual control separate from the UPS. Allowing the ability to reboot hung devices, program sequenced on and off and non-critical load shedding of equipment. Automatic voltage regulation (AVR) adjusts high and low voltages to a safe level, ensuring your equipment has reliable power and preserving the life of the battery. The pure sine wave output while on battery provides the highest degree of compatibility for active PFC (power factor corrected) servers and sensitive electronics. For added safety, this UPS can be attached to an Emergency Power Off (EPO) system for a safe shutdown in an emergency situation.

Power-Saving Green Mode Operates at High Efficiency

Operate efficiently with the Smart-UPS green mode, conserving energy when power quality is within optimal levels and power conditioning is not necessary. The UPS will enter and exit green mode automatically, ensuring you are always operating at the highest efficiency while saving power, reducing utility costs, and generating less heat. To help you monitor your energy usage, this UPS has an energy meter that provides actual kilowatt-hours of usage.

Battery Management Features Ensure Optimal Performance

For easy battery maintenance, this UPS provides you with a predictive date for when battery replacement is recommended. The periodic self-test and disconnected battery notification both ensure you detect any faulty batteries. To prolong battery life, the Smart-UPS regulates the charge voltage according to battery temperature.

Intuitive LCD Interface for Easy Configuration

Check utility status and adjust settings on the easy-to-use LCD interface. A bright display provides clear, accurate information in multiple language options, and intuitive navigation keys make it simple to configure settings. A SmartSlot lets you use a

network management card to customize UPS capabilities.

PowerChute Software Provides Safe System Shutdown

Designed for exceptional usability, PowerChute Business Edition software provides safe system shutdown in the event of an extended power outage while preventing potential data corruption. It's fast and easy to install, and you can tailor settings to meet your individual needs. Find cost savings by using PowerChute to monitor your equipment's energy consumption.

Warranty and Equipment Protection Policy

This Smart-UPS is covered by a three-year limited warranty. This product also comes with a lifetime equipment protection policy of up to &150,000. APC will repair or replace office equipment that sustains surge-related damage while properly connected to a registered APC Smart-UPS unit.

Package Contents

APC Smart-UPS SMX1000US, CD with PowerChute Business Edition software, documentation CD, rack-mount brackets and hardware, removable support feet, Smart-UPS signaling RS-232 cable, and USB cable.

TAA-Compliant

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

Main features

	General
UPS topology	Line-Interactive
Output power	800 W
Output power capacity	1 kVA
AC outlet types	NEMA 5–15R
Power plug	NEMA 5-15P
AC outlets quantity	8 AC outlet(s)
Battery technology	Sealed Lead Acid (VRLA)
Battery life (max)	5 year(s)
Battery recharge time	3 h
Form factor	Rackmount/Tower
Product colour	Black
Rack capacity	2U
Compliance certificates	RoHS
Certification	cUL, UL 1778

Extended details

	Features
UPS topology	Line-Interactive
Output power capacity	1 kVA
Output power	800 W
Waveform	Sine
Input operation voltage (min)	82 V
Input operation voltage (max)	143 V
Input frequency	50/60 Hz
Output operation voltage (max)	120 V
Output frequency	50/60 Hz
Automatic Voltage Regulation (AVR)	Yes
Maximum current	12 A
Surge energy rating	600 J
Emergency Power Off (EPO)	Yes
Output voltage Total Harmonic Distortion (THD)	5 %
Noise level	40 dB
Power protection features	Short circuit
Audible alarm(s)	Yes
Web-based management	Yes
Audible alarm modes	Alarm when on battery, Low battery alarm, Overload alarm
Auto-restart	Yes
Temperature voltage compensation	Yes
	Design
Form factor	Rackmount/Tower
Product colour	Black
Rack capacity	2U
Cable length	2.44 m
Display type	LCD
LED indicators	Yes
	Ports & interfaces
AC outlet types	NEMA 5-15R
Power plug	NEMA 5-15P
AC outlets quantity	8 AC outlet(s)
USB port	Yes
USB 2.0 ports quantity	1

USB port type	USB Type-B
Serial interface type	RS-232
SmartSlot	Yes
Packaging content	
Rack mount kit	Yes
Cables included	RS-232, USB cable
Quick installation guide	Yes
Battery	
Battery technology	Sealed Lead Acid (VRLA)
Battery life (max)	5 year(s)
Battery recharge time	3 h
Hot-swap battery	Yes
Automatic battery test	Yes
Cold start	Yes
Operational conditions	
Operating temperature (T-T)	0 - 40 °C
Storage temperature (T-T)	-15 - 45 °C
Operating relative humidity (H-H)	0 - 95 %
Storage relative humidity (H-H)	0 - 95 %
Operating altitude	0 - 3000 m
Non-operating altitude	0 - 15000 m
Logistics data	
Products per pallet	8 pc(s)
Weight & dimensions	
Width	89 mm
Depth	490 mm
Height	432 mm
Weight	22.9 kg
Packaging data	
Resource CD	Yes
Software CD	Yes
Package width	246 mm
Package depth	620 mm
Package height	589 mm
Package weight	27.3 kg
Certificates	
Compliance certificates	RoHS

