



Redefining Power Quality



POWER
PROTECTION



POWER
FILTRATION



POWER
MANAGEMENT



DATA +
ANALYTICS



BATTERY
BACKUP

Progression

Innovation

Your business is our **foundation.**

Reputation

Mitigation



TAKE CONTROL OF YOUR POWER

Every piece of equipment that you spec into a design or include in an installation says something about your company. The reliability of each one of those pieces and its ability to do its job adds to or detracts from your reputation.

Throughout its history, SurgeX has been a power quality innovator that provides a solid AC power foundation to ensure that electronic equipment is being supplied with clean electricity to perform properly with minimal service burden. Our patented Advanced Series Mode® technology eliminates surge energy up to 6,000V, without producing harmful side effects such as ground contamination or common mode disturbances and is unrivaled in the industry.

What's in it for you? Simply, peace of mind. SurgeX combines true surge elimination, EMI/RFI filtration and unsurpassed analytical software to help businesses control the unstable nature of the power grid. When SurgeX products are part of your design, equipment error-codes, lockups, reboots, downtime and service calls are drastically reduced.

Protected by SurgeX means you never have to worry about whether your AV installation will fail or if the reputation of your business is at risk.

Surge Elimination at the Rack Level

Comprehensive power protection and conditioning to ensure optimal equipment performance. Safeguards audio, video, and security rack mount equipment from damaging surges, spikes and EMI/RFI noise.



	SX-1210i	SX-1213i	SX-1215i	SX-1216i
Power Config.	10A / 240V	13A / 240V	15A / 240V	16A / 240V
Outputs	IEC C13 x11	IEC C13 x11	IEC C13 x11	IEC C13 x11
Mains	AS3112	BS1363	BS546	CEE7/7



REMOTE TURN-ON CAPABILITIES

Surge Elimination with Remote Turn-On

These SurgeX products offer comprehensive power protection and conditioning to safeguard AV equipment from harmful electrical transients that can cause malfunction and downtime. Via a pluggable terminal block, the RT series can be daisy chained with other RT units or with the SEQ series to expand turn ON/OFF operations. In addition, they can be integrated with other systems for off-site power control of electronic equipment.



	SX-1210-RTi	SX-1213-RTi	SX-1215-RTi	SX-1216-RTi
Power Config.	10A / 240V	13A / 240V	15A / 240V	16A / 240V
Outputs	IEC C13 x11	IEC C13 x11	IEC C13 x11	IEC C13 x11
Mains	AS3112	BS1363	BS546	CEE7/7



SEQUENCERS

Keep Things in Order and Improve Performance

When electronic equipment must be powered up or down in order, rather than simultaneously, sequencing is needed. In AV systems, sequencing is often necessary for controlling power distribution to avoid pops and hissing sounds, along with excessive inrush surge currents that can trip circuits.



	SEQ-1210i	SEQ-1213i	SEQ-1215i	SEQ-1216i
Power Config.	10A / 240V	13A / 240V	15A / 240V	16A / 240V
Outputs	IEC C13 x10	IEC C13 x10	IEC C13 x10	IEC C13 x10
Mains	AS3112	BS1363	BS546	CEE7/7



Surge Elimination Outside of a Rack

The SurgeX Standalone lineup protects mission-critical equipment in environments outside of a rack. Their compact design easily fits along, behind, or near equipment, takes up minimal space, and are perfect for AV, surveillance, and monitoring systems.



	SA-102	SA-132	SA-152	SA-162
Power Config.	10A / 240V	13A / 240V	15A / 240V	16A / 240V
Outputs	AS3112 x2	BS1363 x2	BS546 x2	CEE7/7 x2
Mains	AS3112	BS1363	BS546	CEE7/7



POWER MANAGEMENT

AXESS ELITE

Take Control of the Power Environment

A complete power management solution that provides remote insight and control of the electrical power consumed by an underlying device. It enables the switching of devices in various power modes, each with different power usage characteristics related to device performance. It gives technicians the ability to easily manage their installs remotely and limit service calls.



SX-AX10Ei

SX-AX16Ei

	SX-AX10Ei	SX-AX16Ei
Power Config.	10A / 240V	16A / 240V
Outputs	IEC C13 x8	IEC C13 x8
Mains	IEC C14	IEC C20
Energy Management	Outlet Level	Outlet Level
Control	IP Addressable	IP Addressable



SQUID

Attack Power Anomalies

Designed to fulfill the unique needs of today's small meeting/huddle space environments and digital signage/video applications, the SurgeX Squid packs an array of power quality tentacles in a compact design. It ushers in a new category for power quality that packs tremendous options in a compact design to offer a completely contained, boxed network control, AC/DC and USB protection in a single global application.



Model		Outlet Configuration			
AC Load Rating	International	4 Outlets, 10 Amps/120-240 Volts			
DC Load Rating		DC 1 Output Rating	DC 2 Output Rating	Combined DC1 + DC2 Output Rating	Combined 5V Output Rating
	SX-DC-8-12-230**	5A @ 12V	5A @ 12V	10A @ 12V	3A @ 5V
	SX-DC-8-24-230**	2.5A @ 24V	2.5A @ 24V	5A @ 24V	3A @ 5V
	SX-DC-8-1224-230**	2.5A @ 24V	5A @ 12V	NA	3A @ 5V

UPS Standalone

Experience a Seamless Transition

SurgeX Standalone UPS solutions deliver clean continuous power, via online double conversion technology, to ensure the safe shutdown of equipment in the event of an outage. All incoming power is converted from AC to DC and then back to AC. If the main power is interrupted, the batteries are still holding up the incoming DC supply to the inverter, so the load continues to be supplied with absolutely no interruption whatsoever. The zero transfer time guarantees mission critical equipment remains up and running.

Features:

- ▶ Online double conversion technology
- ▶ True sinewave output
- ▶ Controllable receptacles
- ▶ Hot swappable battery
- ▶ Configurable as tower or 48.26cm rack
- ▶ Intuitive LCD screen
- ▶ Optional SNMP card to monitor and manage the UPS via the network



Model	Plug Config. / Power Rating	Outlet Config.
17010-50R	1 IEC320-C13 (10A) 1000 VA Online	4 IEC320-C13 4 IEC320-C13 Programmable
UPS-17202-53R	1 NEMA L6-20P (1.83 m) 2000 VA Online	4 IEC320-C13 4 IEC320-C13 Programmable
UPS-17302-60R	1 NEMA L6-20P (1.83 m) 3000 VA Online	2 IEC320-C13 2 IEC320-C13 Programmable 1 IEC320-C19
UPS-17602-52R	1 NEMA L6-20P (1.83 m) 6000 VA Online	2 IEC320-C19
UPS-17888-62R	Battery Cabinet for 6000 VA Online	

UPS Large Format

Clean, Continuous Power to Critical Loads

SurgeX Large Format uninterruptible power supplies guarantee a reliable, efficient and cost-effective solution for powering mission critical equipment. They regenerate AC power via true online double-conversion technology coupled with an isolation transformer to entirely re-establish the neutral to ground bond. Unique to the industry, this combination eradicates harmonics and common mode noise to guarantee optimum performance and reliability. Offering a better experience for end users and less service calls for Integrator's.



Features:

- ▶ Online double conversion technology
- ▶ Low impedance isolation transformer
- ▶ Low Input TDH
- ▶ Static bypass switch
- ▶ Inrush load rating up to 300%
- ▶ Voltage conversion capability
- ▶ Generator compatibility
- ▶ Expandable battery packs
- ▶ Impressive 0.9 output power factor
- ▶ Multiple control options including SNMP
- ▶ Industry leading -30%/+15% voltage range
- ▶ UL listed and CE marked

Model	Power Configuration	
UPS-22100-88R	10kVA	200-240V Single In / 120/208/240V Out 9000W Hardwired
UPS-22150-69R	15kVA	200-240V Single In / 120/208/240V Out 13500W Hardwired

Experience Circuit Level Power Protection

To offer a proper power foundation, surge protection and conditioning should be installed at the branch circuit level to guarantee full coverage and lessen the need for extra protection downstream.



SXN1230

Power Config.	20A / 240V
Outputs	Hardwired

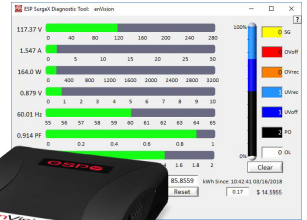


DIAGNOSTICS

enVision®

Instant Analysis and Resolution of Power Issues

The enVision power conditioning system's analytical software monitors, identifies, analyzes, and offers solutions to resolve power issues that can cause equipment error-codes, malfunction and downtime.



REMOTEPORTAL®

Gives service teams the ability to identify power problems remotely, includes browser based application.



Model: RP-IP

EV-23010 IC EV-23016 IC

Power Config.	10A / 240V	16A / 240V
Outputs	IEC C13 x2	IEC C19 x1
Mains	IEC C14	IEC C20
Control	with RP-IP	with RP-IP

MULTI-STAGE TECHNOLOGY

DEFENDER SERIES

Comprehensive Protection for Everyday Applications

Designed specifically for everyday applications, the Defender Series provides cost-effective comprehensive power protection and conditioning to increase uptime and ensure equipment functions properly. Its three stages of protection ensure equipment is safeguarded from the harmful effects of surge energy, and its advanced filtering virtually eliminates normal and common mode electrical noise interference that can cause reboots and downtime.



SX-DS-1011i SX-DS-1016i

Power Config.	10A / 240V	16A / 240V
Outputs	IEC C13 x11	IEC C13 x11
Mains	IEC C14	IEC C20



TECHNOLOGY GUIDE



Advanced Series Mode®

Patented surge protection technology that eliminates surge energy and does not allow ground-wire contamination or common-mode disturbances.



Multi-Stage Surge Protection Technology

An advanced three-stage technology that ensures the highest level of protection against damaging surges, spikes, over/under voltage, EMI/RFI noise, and wiring faults.



COUVS®

Catastrophic Over / Under Voltage Shutdown® will safely power down your system when the AC supply goes above or below a safe threshold. This patented technology protects power supplies from overheating due to under voltage or from direct damage due to over voltage supply. COUVS® is auto resetting and will resume AC supply once the line voltage returns to normal.



SurgeX ICE®

Inrush Current Elimination® counteracts the momentary inrush of current that electronic equipment creates during the turn-on period. This inrush of current is up to 5 times the normal operating current. Powerful electronic devices with large power requirements such as power amplifiers can often blow a circuit breaker or damage relay and switch contacts. SurgeX ICE® soft turn on clamps the initial inrush of current, eliminating the need to sequence amplifier turn-on, giving total protection to your system.



Impedance Tolerant®

Gives you a totally clean AC power supply. Impedance Tolerant® EMI/RFI filtering has been designed with real world impedances in mind, unlike most other EMI/RFI filtering circuitry. Impedance Tolerant® EMI/RFI filtering does not create resonant peaks caused by input and output mismatches. These resonant peaks can be counter productive and increase the level of interference at certain frequencies.



All SurgeX International products are IEC 61643 certified, the globally accepted certification for a low voltage power supply system. All SurgeX International products are independently verified by an external test centre.



AS3112

Suitable for:

Australia
China
Fiji
New Zealand
Papa New Guinea



BS1363

Suitable for:

Bahrain
Botswana
Brunei
Cyprus
Ghana
Gibraltar
Hong Kong
Indonesia
Iraq
Ireland
Kenya
Macau
Malaysia
Malta
Mauritius
Nigeria
Oman
Qatar
Saudi Arabia
Singapore
Sri Lanka
Tanzania
UAE
Uganda
UK
Yemen



BS546

Suitable for:

India
Nepal
Namibia
Pakistan
South Africa



CEE7/7

Suitable for:

Belgium
Chile
Czech Republic
Denmark
Finland
France
Germany
Holland
Iceland
Italy
Norway
Philippines
Poland
Portugal
Russia
Slovakia
Spain
Sweden
Switzerland



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