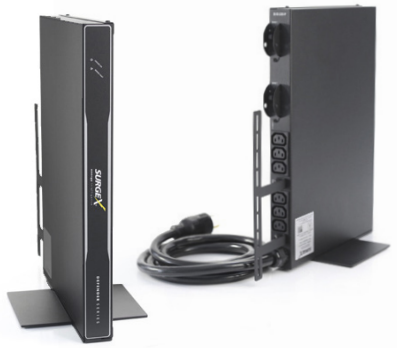
DEFENDER SERIES

Surge + PDU



The only PDU with advanced power protection

The choice to keep an IT system protected from power anomalies is crucial and often overlooked. Has your business made the choice to protect their investment?

Without adequate power protection, your mainframes, servers, telecommunications, data lines, and other electronic systems can suffer temporary or even fatal damage. This can quickly translate to capital expenditures, lost revenue, and customer dissatisfaction. Unfortunately, many businesses falsely believe they are protected through a UPS or inferior surge technology—leaving themselves vulnerable. In fact, leading UPS manufacturers say "the most effective method of protection against power transients is to cascade a surge protection device with a UPS."

The SurgeX Defender Series Surge + PDU is the premier choice to protect small data centers, computer rooms, and IT environments. Our Multi-Stage technology is superior to single-stage MOV circuitry found in conventional surge protectors and is instrumental in reducing downtime. It insures the highest level of protection from damaging surges, spikes, over voltage, EMI/RFI noise, and wiring faults—80% of which occur from within a building every day. It is completely non-sacrificial and never requires reset, even after repeated power disturbances.

This solution works in combination with a UPS, which is a key consideration to protect servers from power outages but is not designed to provide system wide surge protection. So don't be fooled, without the SurgeX Defender Series Surge + PDU your investment is not protected. Experience the peace of mind that comes from knowing your business is protected 24/7.

Features:

- A comprehensive patent pending all-in-one solution that protects equipment, distributes power, and saves space
- Surge + PDU all-in-one solution with advanced power protection
- Protects an IT system from power anomalies that can cause downtime, disruption, equipment shutdown, and loss of revenue
- Superior Multi-Stage technology is completely non-sacrificial and never requires reset
- Provides protection not found in a UPS
- Increases the reliability of connected Equipment

	Model Number	Plug Configuration		Description
		Input	Output	
	SX-DS-L630-FP	 NEMA L6-30P	 (6x) IEC C13	Defender Series Surge + PDU, 208V/30A, 1 L6-30 Plug, 6 IEC Receptacles
	SX-DS-L530-FP	 NEMA L5-30P	 (6x) IEC C13	Defender Series Surge + PDU, 120V/30A, 1 L5-30 Plug, 6 IEC Receptacles
	SX-DS-520-FP	 NEMA 5-20P	 (6x) IEC C13	Defender Series Surge + PDU, 120V/20A, 1 5-20 Plug, 6 IEC Receptacles
	SX-DS-IEC-FP	 IEC332	 (6x) IEC C13	Defender Series Surge + PDU, 230V/30A, 1 IEC332 Plug, 6 IEC Receptacles

Surge + PDU

Technical Specifications	SX-DS-L630-FP	SX-DS-L530-FP/ SX-DS-520-FP	SX-DS-IEC-FP
Voltage Rating	120/230 Volts Split Phase	120 Volts Single Phase	220-240 Volts Single Phase
Frequency	50/60 Hz	50/60 Hz	50/60 Hz
Load Rating	24 Amp Maximum Capacity (Agency De-Rated)	24 Amp Maximum Capacity (Agency De-Rated)/ 16 Amp Maximum Capacity (Agency De-Rated)	30 Amp Maximum Capacity
Input Connector	NEMA L6-30P	NEMA L5-30P/NEMA 5-20P	IEC-60309 332P65
Output Connector	(6) IEC-320 C13	(6) IEC-320 C13	(6) IEC-320 C13
Overload Protection	(2) Circuit Breaker	(2) Circuit Breaker	(3) Circuit Breaker
Voltage Protection Rating (VPR)	800V Line - Line 500V Line - Ground	330V All Modes	800V Line - Line 500V Line - Ground
Attenuation	Normal Mode: >30dB 50kHz - 50MHz Common Mode: >30dB 150kHz - 50MHz	Normal Mode: >30dB 50kHz - 50MHz Common Mode: >30dB 50kHz - 50MHz	Normal Mode: >30dB 50kHz - 50MHz Common Mode: >30dB 150kHz - 50MHz
Power Requirement (no load)	8 Watts	8 Watts	8 Watts
Over-Voltage Shutdown	280 Volts (±2%) Restores at 260 Volts (±2%)	150 Volts (±2%) Restores at 135 Volts (±2%)	280 Volts (±2%) Restores at 260 Volts (±2%)
Response Time	100 msec Over-Voltage	100 msec Over-Voltage	100 msec Over-Voltage
Dimensions	17.44” W x 12.08” D x 1.71” H (1 RU)	17.44” W x 12.08” D x 1.71” H (1 RU)	17.44” W x 12.08” D x 1.71” H (1 RU)
Weight	12.5 lb	12.5 lb	12.5 lb
Input Cord Length	3 m	3 m	3 m
Rack Mounting Hardware	Included	Included	Included
Standalone Hardware	Included	Included	Included
Power Indicator	LED (Green)	LED (Green)	LED (Green)
Wiring Fault Indicator	LED (Red) Illuminated when no protective Earth Ground present	LED (Red) Illuminated when no protective Earth Ground present or when Line/Neutral reversed	LED (Red) Illuminated when no protective Earth Ground present
BTU/h	100 BTU/h Maximum at full rated load	100 BTU/h Maximum at full rated load	140 BTU/h Maximum at full rated load
Temperature Range	5°C to 40°C	5°C to 40°C	5°C to 40°C
Humidity Range	5% to 95% R.H. Non-condensing	5% to 95% R.H. Non-condensing	5% to 95% R.H. Non-condensing
Agency Listings	TUV Certified to UL 60950-1, NOM All applicable global certifications to be listed prior to launch	TUV Certfied to UL 60950-1, NOM / TUV Certfied to UL 60950-1, NOM-Pending All applicable global certifications to be listed prior to launch	All applicable global certifications to be listed prior to launch

* Specifications subject to change without notice

** All listed specifications obtained at an ambient temperature of 25°C