

POWER SOLUTIONS



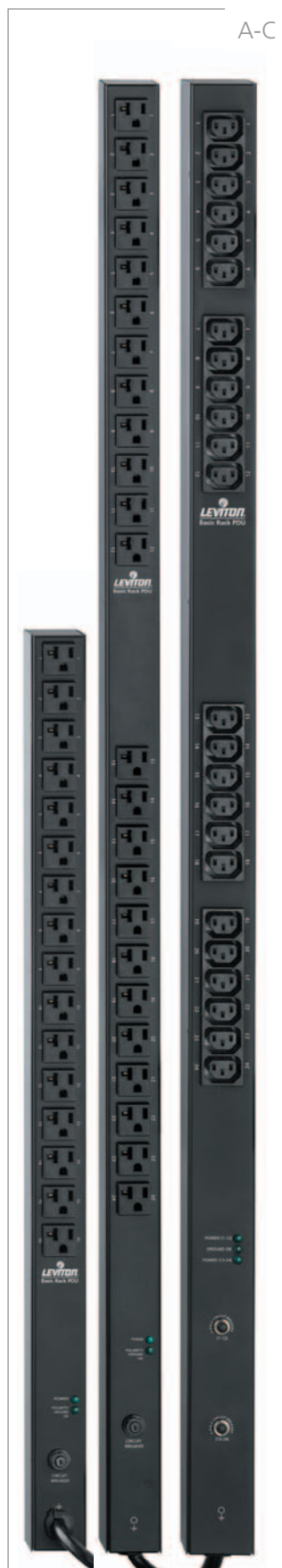
Leviton's Power Solutions product line provides reliable, "always on" infrastructure to support the power quality and power distribution needs of all types of enterprise, industrial, and residential environments. Our Power Distribution Units (PDU's), Uninterruptible Power Supplies (UPS's), and Surge Protective Devices (SPD's) provide you with the tools you need to manage, monitor, and protect your sensitive electronic equipment. Whether you're powering a mission critical data center or A/V equipment in your home, you can trust Leviton Power Solutions to provide the clean, reliable power you need, wherever you need it.

SECTION F CONTENTS

- F3** Power Distribution Units (PDU's)
- F11** Uninterruptible Power Supplies (UPS's)
- F15** Surge Protection Devices (SPD's)

P1000 SERIES POWER DISTRIBUTION UNITS

A-C



D



E

P1000 SERIES POWER DISTRIBUTION UNITS (PDU'S)

[A-E] Leviton's P1000 Series Rack PDUs are designed for data centers, server rooms, and other environments that require "always on" power. The robust, compact design ensures that these products can be used wherever reliability and density are important.

All models feature robust construction with 18AWG cold-rolled steel enclosures; LED indicators for power, grounding, and polarity; hardwired power input cords, and circuit breaker protection to prevent current overloads. Horizontal (rack-mount) and vertical (Zero-U) styles are available.

The P1000 product line complements and augments Leviton's line of 4505 and 5500 series rack-mounted power/surge strips as well as our intelligent PDU's.

UNMETERED VERTICAL POWER DISTRIBUTION UNITS (PDU'S), SINGLE-INPUT								
INPUT			OUTPUT				DIMENSIONS	PART NO.
Voltage	Cord Length	Cord Plug Type	Voltage	Max Current Draw (Amps)	Receptacle Type	Receptacle Quantity		
120V	10ft	5-15P	120V	15A	5-15R	16	30"L x 1.8"W x 1.75"D	P1040-10S
[A] 120V	10ft	5-20P	120V	20A	5-20R	16	30"L x 1.8"W x 1.75"D	P1041-10S
120V	10ft	L5-20P	120V	20A	5-20R	16	30"L x 1.8"W x 1.75"D	P1042-10L
120V	10ft	5-20P	120V	20A	5-20R	24	48"L x 1.8"W x 1.75"D	P1043-10S
[B] 120V	10ft	L5-20P	120V	20A	5-20R	24	48"L x 1.8"W x 1.75"D	P1044-10L
120V	10ft	L5-30P	120V	30A	5-20R	24	48"L x 1.8"W x 1.75"D	P1045-10L
208V	10ft	L6-20P	208V	20A	C 13	24	48"L x 2.19"W x 2"D	P1046-10L
[C] 208V	10ft	L6-30P	208V	30A	C 13	24	48"L x 2.19"W x 2"D	P1047-10L
UNMETERED HORIZONTAL POWER DISTRIBUTION UNITS (PDU'S), SINGLE-INPUT								
120V	12ft	5-15P	120V	15A	5-15R	10	1.75"L x 17.5"W x 4.5"D	P1020-12S
[D] 120V	12ft	5-20P	120V	20A	5-20R	10	1.75"L x 17.5"W x 4.5"D	P1021-12S
120V	12ft	L5-20P	120V	20A	5-20R	10	1.75"L x 17.5"W x 4.5"D	P1022-12L
120V	12ft	L5-30P	120V	30A	5-20R	10	1.75"L x 17.5"W x 4.5"D	P1023-12L
208V	12ft	L6-20P	208V	20A	C 13	12	1.75"L x 17.5"W x 4.5"D	P1024-12L
[E] 208V	12ft	L6-30P	208V	30A	C 13	12	1.75"L x 17.5"W x 4.5"D	P1025-12L
SPECIFICATIONS & FEATURES								
<ul style="list-style-type: none"> Available in vertical zero-U or horizontal rack-mount styles Available in 120V or 208V options LED indicators for power and grounding/polarity All models feature circuit breaker protection to prevent current overloads 208V PDU's come with 2-pole circuit breakers for added safety 				<ul style="list-style-type: none"> Robust construction with 18AWG cold-rolled steel enclosure construction powder coated black Included mounting hardware allows attachment to most common cabinets and racks 120V/30A PDU's and all 208V PDU's come with DP-rated cords Certified to UL 1363 or UL 60950-1, RoHS compliant 3-year Product Warranty 				

Note: All P1000 Series PDU's have hardwired cords.



5-15R 120V



5-20R 120V



C13 120/208V



5-20P 120V



L5-30P 120V



L6-30P 208V



C20 120V



L21-20P 120/208V



L6-20P 208V



5-15P 120V



L5-20P 120V

INTELLIGENT POWER DISTRIBUTION UNITS - METERED

A, B



C



D



E

METERED POWER DISTRIBUTION UNITS (PDU'S)

[A-D] Leviton's Metered PDU's provide the reliable power distribution required for high-demand applications. High-reliability designs, high-performance components, and quality manufacturing result in a robust product suitable for "always on" environments. LED display provides input current monitoring, for connected equipment, assuring optimal use of available amperage. Metered Power Distribution Units are available in 120V or 208V with 20 and 30-Amp configurations. Choose space-saving vertical (zero-U) or horizontal (rack-mount) styles with a variety of input and output plug types.

ACCESSORIES

[E] A hardwired power input cord is provided with all 30-amp PDU's. Power cords for 20-amp PDUs, available in multiple configurations to suit a variety of application environments are sold separately.

METERED VERTICAL POWER DISTRIBUTION UNITS (PDU'S)								
INPUT				OUTPUT			DIMENSIONS	PART NO.
Voltage	Amps	Input Cord	Type, Length & Plug	Voltage	Receptacle Type	Receptacle Quantity		
[A]	120V	20A	Modular cord; see "Accessories" below	120V	5-20R	12	31.25"L x 1.75"W" x 2.25"D	MV121-1D1
	120V	30A	Hardwired; 10' w/L5-30P plug	120V	5-20R	12	31.25"L x 1.75"W x 2.25"D	MV121-1B1
	120V	20A	Modular cord; see "Accessories" below	120V	5-20R	24	54.0"L x 1.75"W x 2.25"D	MV241-1D1
[B]	120V	30A	Hardwired; 10' w/L5-30P plug	120V	5-20R	24	54.0"L x 1.75"W x 2.25"D	MV241-1B1
	208V	30A	Hardwired; 10' w/L6-30P plug	120V	C 13	12	31.25"L x 1.75"W x 2.25"D	MV122-1C2
	208V	30A	Hardwired; 10' w/L6-30P plug	120V	C 13	24	54.0"L x 1.75"W x 2.25"D	MV242-1C2
	120/ 208V 3 Phase	20A	Hardwired; 10' w/L21-20P plug	120V	C 13	21	45.75"L x 1.75"W x 2.25"D	MV213-1E2
METERED HORIZONTAL POWER DISTRIBUTION UNITS (PDU'S)								
INPUT				OUTPUT			DIMENSIONS	PART NO.
Voltage	Amps	Input Cord	Type, Length & Plug	Voltage	Receptacle Type	Receptacle Quantity		
[C]	120V	20A	Modular cord; see "Accessories" below	120V	5-20R	10	1.75"L x 17.25"W x 5"D	MH101-1D1
	120V	30A	Hardwired; 10' w/L5-30P plug	120V	5-20R	10	1.75"L x 17.25"W x 5"D	MH101-1B1
[D]	208V	30A	Hardwired; 10' w/L6-30P plug	208V	C 13	12	1.75"L x 17.25"W x 5"D	MH122-1C2
SPECIFICATIONS & FEATURES								
<ul style="list-style-type: none">• LED display provides visible warning when current draw is close to maximum capacity thus avoiding circuits overload• True RMS current monitoring prevents overloads in high-density computing environments• Meets the UL 60950-1 requirements for branch circuit protection					<ul style="list-style-type: none">• Included mounting hardware allows attachment to most common cabinets and racks• Available in vertical zero-U or horizontal rack-mount styles• Available in 120V or 208V options• A wide variety of input and output options ensures the flexibility to adapt to varying power requirements			

* 120V/20A PDU's need a Modular Power Cord as shown in "Accessories" below
Other configurations available on request.

ACCESSORIES	
DESCRIPTION	PART NO.
[E] Modular Power Cord, C19 to 5-15P, 10 ft.	PCORD-G10
Modular Power Cord, C19 to 5-20P, 10 ft.	PCORD-A10
Modular Power Cord, C19 to L5-20P, 10 ft.	PCORD-H10



5-15R 120V



5-20R 120V



C13 120/208V



5-20P 120V



L5-30P 120V



L6-30P 208V



C20 120V



L21-20P 120/208V



L6-20P 208V

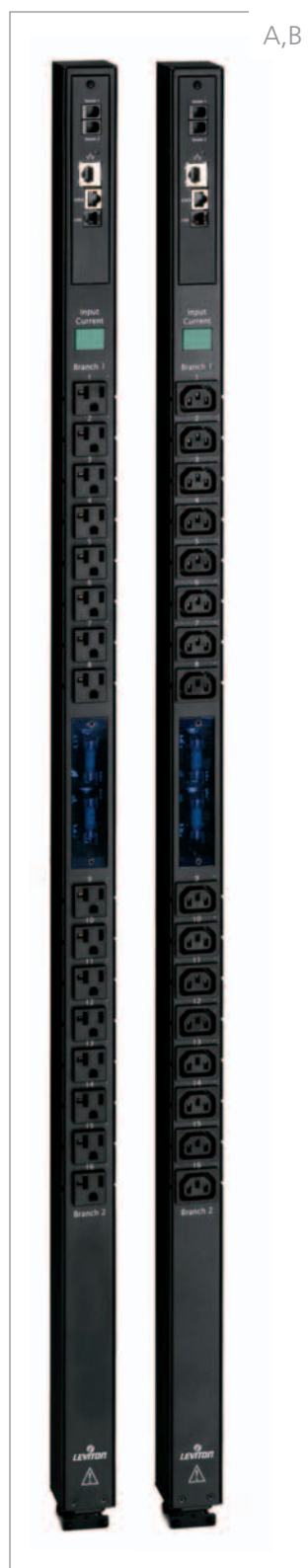


5-15P 120V



L5-20P 120V

INTELLIGENT POWER DISTRIBUTION UNITS - SWITCHED



A,B



C



E



D



F

SWITCHED POWER DISTRIBUTION UNITS (PDU'S)

[A-D] Leviton's Switched PDU's provide the solution to many power management problems common in IT environments, including unauthorized use of power outlets, equipment lock-up, in-rush current, overloaded circuits, and the need for remote access to power outlets.

These problems are addressed through an extensive feature set including individual outlet control which allow users to turn outlets on and off or recycle power, in order to reboot equipment. The power sequence feature controls the interval in which equipment is powered up or down to avoid in-rush current. The aggregate current draw can be monitored remotely or locally via digital display to avoid overload conditions. Switched Power Distribution Units can be accessed, configured, and controlled via Telnet/SSH, HTTP/SSL, Serial Ports, and SNMP.

ACCESSORIES

[E, F] Each Switched PDU allows for environmental monitoring via an optional probe designed to monitor temperature and relative humidity (available separately). Each 30-amp PDU includes a hardwired power input cord. Power cords for 20-amp PDU's, available in multiple configurations to suit a variety of application environments, are sold separately.

SWITCHED VERTICAL POWER DISTRIBUTION UNITS (PDU'S)

INPUT			OUTPUT			DIMENSIONS	PART NO.
Voltage	Amps	Input Cord Type, Length & Plug	Voltage	Receptacle Type	Receptacle Quantity		
[A] 120V	20A	Modular cord; see "Accessories" below	120V	5-20R	16	63.5"L x 1.75"W x 2.25"D	SV161-1D1
120V	30A	Hardwired; 10' w/ L5-30P plug	120V	5-20R	16	63.5"L x 1.75"W x 2.25"D	SV161-1B1
[B] 208V	30A	Hardwired; 10' w/ L6-30P plug	208V	C13	16	63.5"L x 1.75"W x 2.25"D	SV162-1C2

SWITCHED HORIZONTAL POWER DISTRIBUTION UNITS (PDU'S)

INPUT			OUTPUT			DIMENSIONS	PART NO.
Voltage	Amps	Input Cord Type, Length & Plug	Voltage	Receptacle Type	Receptacle Quantity		
[C] 120V	20A	Modular cord; see "Accessories" below	120V	5-20R	8	1.75"L x 17"W x 7"D	SH081-1D1
120V	30A	Hardwired; 10' w/ L5-30P plug	120V	5-20R	8	1.75"L x 17"W x 7"D	SH081-1B1
[D] 208V	30A	Hardwired; 10' w/ L6-30P plug	208V	C13	8	1.75"L x 17"W x 7"D	SH082-1C2

SPECIFICATIONS & FEATURES

Includes the functionality of our Metered PDU series plus the following:

- Remote individual outlet management allows shut down of unused outlets and remote rebooting of attached equipment
- Full featured network management provided via Web, SNMP and Telnet allows remote access, configuration and management
- Power sequencing prevents in-rush current and avoids circuit overload
- Provides SNMP alerts when power or environmental conditions exceed thresholds
- Firmware is easily upgraded via network download to installed units for future product enhancements
- External probe available separately for environmental monitoring

* 120V/20A PDU's need a Modular Power Cord as shown in "Accessories" below

Other configurations available on request.

ACCESSORIES

DESCRIPTION	PART NO.
[E] Modular Power Cord, C19 to 5-15P, 10 ft.	PCORD-G10
Modular Power Cord, C19 to 5-20P, 10 ft.	PCORD-A10
Modular Power Cord, C19 to L5-20P, 10 ft.	PCORD-H10
[F] Temperature & Relative Humidity Probe, 10 ft.	TCORD-010



5-15R 120V



5-20R 120V



C13 120/208V



5-20P 120V



L5-30P 120V



L6-30P 208V



C20 120V



L21-20P 120/208V



L6-20P 208V

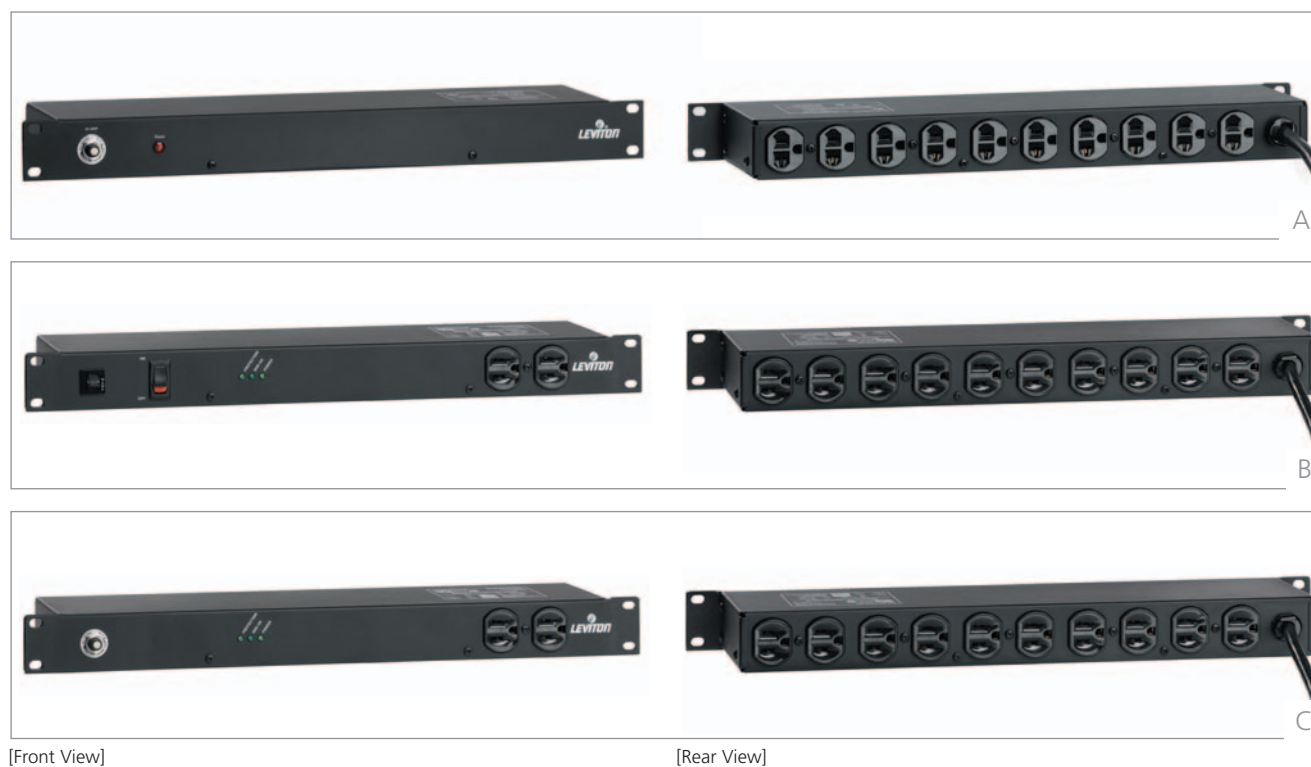


5-15P 120V



L5-20P 120V

4505/5500 SERIES POWER DISTRIBUTION UNITS



POWER DISTRIBUTION UNITS

[A-C] Excellent for rack-mount applications in data centers and wiring closets, Leviton's 5500/5505 and 4505 series power distribution units (PDU's) provide you with the robust but economical solutions you need to power and protect your vital electronic equipment. Available both with (5500 and 5505 series) and without surge protection (4505 series), these PDU's offer a variety of feature flexibility to suit your diverse applications.

4505 SERIES RACK MOUNT POWER DISTRIBUTION UNITS

FOOTPRINT	ON/OFF SWITCH		INPUT				OUTPUT			PART NO.
	Yes	No	Input Voltage	Amps	Input Plug	Cord Length	Output Voltage	Receptacle Type	Receptacle Quantity	
Horizontal / RackMnt		•	120V	20A	L5-20P	7ft	120V	5-20R	10	4505-20L
[A] Horizontal / RackMnt		•	120V	20A	L5-20P	10ft	120V	5-20R	10	4505-20T
Horizontal / RackMnt		•	120V	20A	L5-20P	15ft	120V	5-20R	10	4505-20F

SPECIFICATIONS & FEATURES 4505 SERIES

- Mounts horizontally on 19" racks or cabinets to provide robust power distribution
- 10 receptacles
- Resettable circuit breaker protects against overloading
- Most models available with locking plug

Material Characteristics

- Operating Temperature: -10°C to 60°C
- Storage Temperature: -35°C to 60°C

5500/5505 SERIES RACK MOUNT POWER DISTRIBUTION UNITS WITH SURGE PROTECTION

FOOTPRINT	ON/OFF SWITCH		INPUT				OUTPUT			PART NO.
	Yes	No	Input Voltage	Amps	Input Plug	Cord Length	Output Voltage	Receptacle Type	Receptacle Quantity	
[B] Horizontal / RackMnt	•		120V	15A	L5-15P	12ft	120V	5-15R	12	5500-190
Horizontal / RackMnt	•		120V	20A	L5-20P	12ft	120V	5-20R	12	5500-192
Horizontal / RackMnt	•		120V	20A	L5-20P	12ft	120V	5-20R	12	5500-20L
Horizontal / RackMnt		•	120V	15A	5-15P	12ft	120V	5-15R	12	5500-15N
[C] Horizontal / RackMnt		•	120V	20A	5-20P	12ft	120V	5-20R	12	5500-20N
Horizontal / RackMnt		•	120V	20A	L5-20P	12ft	120V	5-20R	12	5500-2NL
Horizontal / RackMnt	•		120V	15A	5-15P	12ft	120V	5-15R	12	5505-190

SPECIFICATIONS & FEATURES 5500 & 5505 SERIES

- Mounts horizontally on 19" racks or cabinets to provide robust power distribution
- 12 receptacles – 10 in back, 2 in front
- Available with easy-access ON/OFF rocker-style switch, or without switch to avoid unnecessary equipment switching
- Resettable circuit breaker protects against overloading
- Most models available with locking plug

Testing & Code Compliance

- UL Recognized Component tested to UL 1449 standards
- Covered by a Lifetime Limited Downtime Warranty

Material Characteristics

- Operating Temperature: -10°C to 60°C
- Storage Temperature: -35°C to 60°C

SURGE PROTECTION SPECIFICATIONS 5500 & 5505 SERIES

5500 SERIES	5505 SERIES
Peak Surge Current: 52kA Clamping Voltage: 330V EMI/RFI @ 100KHz to 30MHZ = -10 to -35dB Total Joule Rating: 1440 Physical Dimensions: 1.71" x 19" x 4.55" (HxWxD)	Peak Surge Current: 30kA Clamping Voltage: 400V EMI/RFI @ 100KHz to 30MHZ = -5 to -40dB Total Joule Rating: 540 Physical Dimensions: 1.71" x 19" x 2.56" (HxWxD)

UNINTERRUPTIBLE POWER SUPPLIES



A



[Side Views]

STRIP SERIES UNINTERRUPTIBLE POWER SUPPLIES

Best value battery back-up and protection for business computers. Each Strip Series UPS provides 6 outlets, (3 with battery backup and surge protection, and 3 with surge protection only). Stand-by Simulated Sine Wave protection provides an economical solution for point-of-use applications such as computers and peripherals, smaller telecommunications systems, and home entertainment systems.

LEV-UPS STRIP SERIES UNINTERRUPTIBLE POWER SUPPLY						
DESCRIPTION	OUTPUT CAPACITY	FOOTPRINT	OUTPUT QTY & TYPE	TYPICAL BACK-UP TIME		PART NO.
				Full Load	Half Load	
[A] Stand-By, Simulated Sine Wave	320VA / 224W	Strip	(6) 5-15R	3 Min	9 Min	U0320-SKO
Stand-By, Simulated Sine Wave	520VA / 364W	Strip	(6) 5-15R	3 Min	12 Min	U0520-SKO
SPECIFICATIONS & FEATURES						
<ul style="list-style-type: none"> Stand-By (or "Off-Line") technology provides cost-effective battery backups Output voltage: 120VAC +/-10% Advanced Battery Management (ABM) extends battery life by up to 50% 			<ul style="list-style-type: none"> Included UPSMON software provides monitoring and control capability AC Surge Protection and Noise Filtering User-replaceable, sealed, maintenance-free lead acid batteries 		Testing & Code Compliance <ul style="list-style-type: none"> UL 1778 & cUL Listed FCC compliant ISO 9001 certified 	

Note: Consult your Leviton representative for complete UPS warranty details



A



B

PRO SERIES UNINTERRUPTIBLE POWER SUPPLIES

Performance battery back-up and protection for business computers. The Pro Series Line-Interactive, Simulated Sine Wave technology provides mitigation for sags and swells in power quality without relying on transfer to back-up power. Provides AC and data/communication line surge protection. “Cold Start” mode allows the UPS to be used as a short-term emergency power source. Tower, desktop, and rack-mount options available.

LEV-UPS PRO SERIES UNINTERRUPTIBLE POWER SUPPLY						
DESCRIPTION	OUTPUT CAPACITY	FOOTPRINT	OUTLET QTY & TYPE	TYPICAL BACK-UP TIME		PART NO.
				Full Load	Half Load	
Line-Interactive, Simulated Sine Wave	425VA / 297W	Tower	(2) 5-15R	4 Min	17 Min	U0425-AKP
[A] Line-Interactive, Simulated Sine Wave	625VA / 437W	Tower	(2) 5-15R	4 Min	11 Min	U0625-AKP
Line-Interactive, Simulated Sine Wave	1000VA / 700W	Tower	(5) 5-15R	4 Min	13 Min	U1000-AKP
Line-Interactive, Simulated Sine Wave	1500VA / 1050W	Tower	(6) 5-15R	5 Min	18 Min	U1500-AKP
Line-Interactive, Simulated Sine Wave	2200VA / 1540W	Tower	(6) 5-15R	5 Min	22 Min	U2200-AKP
Line-Interactive, Simulated Sine Wave	500VA / 350W	Desktop	(5) 5-15R	5 Min	20 Min	U0500-AKP
[B] Line-Interactive, Simulated Sine Wave	600VA / 420W	Rack-mount, 1U	(5) 5-15R	7 Min	22 Min	U0600-ARM
SPECIFICATIONS & FEATURES						
<ul style="list-style-type: none"> Line-Interactive technology provides rapid transfer time (<4ms) and voltage regulation for minor sags and swells Simulated sine-wave output Selectable output voltage: 100V, 110V, 115V, 120V or 127V Advanced Battery Management (ABM) extends battery life by up to 50% 			<ul style="list-style-type: none"> Included UPSMON software provides monitoring and control capability Energy-saving sleep mode reduces power consumption AC Surge Protection and Noise Filtering User-replaceable, sealed, maintenance-free lead acid batteries 		Testing & Code Compliance <ul style="list-style-type: none"> UL 1778 & cUL Listed FCC compliant ISO 9001 Certified 2-Year Limited Product Warranty (covers parts, labor, and battery) 2-Year Limited Connected-Equipment Warranty 	

Note: Consult your Leviton representative for complete Lev-UPS warranty details

UNINTERRUPTIBLE POWER SUPPLIES



A



B

SINE SERIES UNINTERRUPTIBLE POWER SUPPLIES

Best value battery back-up and protection for servers, network switches and other critical equipment. Sine Series UPS Systems, available in rack-mount and tower styles, offer economical protection in high-demand environments. Rapid transfer time and voltage regulation effectively manage outages, sags, and swells so critical equipment and data is protected.

LEV-UPS SINE SERIES UNINTERRUPTIBLE POWER SUPPLY

DESCRIPTION	OUTPUT CAPACITY	FOOTPRINT	OUTLET QTY & TYPE	TYPICAL BACK-UP TIME		PART NO.
				Full Load	Half Load	
[A] Line-Interactive, True Sine Wave	1000VA / 700W	Tower	(4) 5-15R	5 Min	14 Min	U1000-OSK
Line-Interactive, True Sine Wave	1500VA / 1050W	Tower	(6) 5-15R	5 Min	19 Min	U1500-OSK
Line-Interactive, True Sine Wave	3000VA / 2100W	Tower	(6) 5-15R	10 Min	47 Min	U3000-OSK
[B] Line-Interactive, True Sine Wave	800VA / 560W	Rack-mount, 2U	(4) 5-15R	10 Min	20 Min	U0800-SRM
Line-Interactive, True Sine Wave	1500VA / 1050W	Rack-mount, 2U	(4) 5-15R	5 Min	19 Min	U1500-SRM
Line-Interactive, True Sine Wave	3000VA / 2100W	Rack-mount, 2U	(6) 5-15R	10 Min	47 Min	U3000-SRM

SPECIFICATIONS & FEATURES

<ul style="list-style-type: none"> Line-Interactive technology provides rapid transfer time (<4ms) and voltage regulation for minor sags and swells True sine-wave output less than 3% THD Selectable output voltage: 100V, 110V, 115V, 120V, or 127V Advanced Battery Management (ABM) extends battery life by up to 50% 	<ul style="list-style-type: none"> Included UPSMON software provides monitoring and control capability Energy-saving sleep mode reduces power consumption AC Surge Protection and Noise Filtering User-replaceable, sealed, maintenance-free lead acid batteries 	Testing & Code Compliance <ul style="list-style-type: none"> UL 1778 & cUL Listed FCC compliant ISO 9001 Certified 2-Year Limited Product Warranty (covers parts, labor, and battery) 2-Year Limited Connected-Equipment Warranty
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Note: Consult your Leviton representative for complete Lev-UPS warranty details



ON-LINE SERIES UNINTERRUPTIBLE POWER SUPPLIES

Performance battery back-up and protection for servers, network switches and other critical equipment.

[A, B] LEV-UPS ON-LINE SERIES UNINTERRUPTIBLE POWER SUPPLY						
DESCRIPTION	OUTPUT CAPACITY	FOOTPRINT	OUTLET QTY & TYPE	TYPICAL BACK-UP TIME		PART NO.
				Full Load	Half Load	
On-Line, Pure Sine Wave	700VA / 490W	Tower	(6) 5-15R	7 Min	15 Min	U0700-VNL
On-Line, Pure Sine Wave	1000VA / 700W	Tower	(6) 5-15R	7 Min	15 Min	U1000-VNL
On-Line, Pure Sine Wave	2000VA / 1400W	Tower	(6) 5-15R	7 Min	15 Min	U2000-VNL
On-Line, Pure Sine Wave	3000VA / 2100W	Tower	(6) 5-15R	6 Min	15 Min	U3000-VNL
On-Line, Pure Sine Wave	700VA / 490W	Rack-mount, 2U	(6) 5-15R	7 Min	15 Min	U0700-VRM
On-Line, Pure Sine Wave	1000VA / 700W	Rack-mount, 2U	(6) 5-15R	7 Min	15 Min	U1000-VRM
On-Line, Pure Sine Wave	2000VA / 1400W	Rack-mount, 2U	(6) 5-15R	7 Min	15 Min	U2000-VRM
On-Line, Pure Sine Wave	3000VA / 2100W	Rack-mount, 2U	(6) 5-15R	6 Min	15 Min	U3000-VRM
SPECIFICATIONS & FEATURES						
<ul style="list-style-type: none">On-Line Double Conversion technology with zero transfer timeProvides true sine-wave output at less than 3% THDLED Display gives "Minutes Remaining" indicator based on actual loadSelectable output voltage: 100V, 110V, 115V, 120V or 127VAdvanced Battery Management (ABM) extends battery life by up to 50%			<ul style="list-style-type: none">Optional Extended Battery Packs provide additional back up timeIncluded UPSMON software provides monitoring and control capabilityEnergy-saving sleep mode reduces power consumptionAC Surge Protection and Noise FilteringUser-replaceable, sealed, maintenance-free lead acid batteriesIncludes interface for Emergency Power Off (EPO)		Testing & Code Compliance <ul style="list-style-type: none">UL 1778 & cUL Listed2-Year Limited Product Warranty (covers parts, labor, and battery)2-Year Limited Connected-Equipment Warranty	
[C, D] ON-LINE SERIES EXTENDED BATTERY PACKS (EBP)						
DESCRIPTION	FOR USE WITH THESE UPS SYSTEMS	TYPICAL BACK-UP TIME			PART NO.	
		1000VA + 1 EBP Full Load/Half Load	2000VA + 1 EBP Full Load/Half Load	3000VA + 1 EBP Full Load/Half Load		
Tower Battery Pack	U1000-VNL	69 min / 148 min	–	–	U1000-NLB	
Tower Battery Pack	U2000/U3000-VNL	–	33 min / 80 min	19 min / 50 min	U3000-NLB	
Rack-Mnt Battery Pack	U1000-VRM	69 min / 148 min	–	–	U1000-RMB	
Rack-Mnt Battery Pack	U2000/U3000-VRM	–	33 min / 80 min	19 min / 50 min	U3000-RMB	

SURGE PROTECTION PANELS

SURGE PROTECTION PANELS

[A] 74000 Series Seven-module design provides critical building entrance and branch panel protection, even if one module fails. Monitor, diagnose, and track surge events and status including surge magnitude and time/date for each occurrence.

[B] 57000 Series The 57000 Series guards against successive surges or lightning strikes with primary and secondary protection. Provides effective building entrance and branch panel protection. Features easily replaceable modules with optional surge counter.

[C] 52000 Series Providing modular protection for medium-exposure areas, the 52000 is one of Leviton's most popular surge panel series, with a good mix of value, performance, and features. Single- and multi-phase solutions available.

[D] 47000 Series 7-mode panel available in a NEMA 1 or NEMA 4X enclosure, the 47000's non-modular design provides cost-effective surge protection for environments needing a high level of peak surge current protection.

PRODUCT FEATURES

SELECTION GUIDE

SURGE PROTECTION PANELS								
	Peak Surge Current Rating	Visual & Audible Diagnostics	Dry Contacts for Remote Monitoring	Noise Filtering	Replaceable Modules	Independent Diagnostics via LED's	Optional Surge Counter	Redundant Protection
74000 Series	200kA	•	•	•	•	•	•	•
57000 Series	150kA	•	•	•	•	•	•	•
52000 Series	100kA	•	•	•	•	•	•	
47000 Series	200kA	•	•	•				
42000 Series	80kA	•	•	•				
37000 Series	80kA	•	•	•				
32000 Series	80kA	•	•					
51120 Series	50kA							
51110 Series	48kA							

Peak Surge Current Rating The maximum current capacity that a surge product can absorb without damage to a mode.

Visual & Audible Diagnostic Real-time status via LED with audible backup for use in out-of-the-way locations.

Dry Contacts for Remote Monitoring Keep track of up to six panels remotely.

Noise Filtering (or Noise Rejection) The blocked frequency range of electrical noise.

Replaceable Modules A physical module housing surge protection components. After failure, it can be easily removed and replaced.

Independent Diagnostic via LED's Monitors power and suppression status for each mode.

Optional Surge Counter Feature that counts and displays a running total of voltage spikes.

Redundant Protection Multiple paths for overvoltages in case of recurring voltage spikes, outages, or equipment on/off cycling.



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[A] 74000 SERIES SURGE PROTECTION PANELS

VOLTAGE RATING	PHASES	PEAK SURGE CURRENT RATING	MODULAR	PART NO. w/out Surge Counter	PART NO. with Surge Counter
120/208V AC	3Ph WYE, 4W+G, 7-Mode	200kA	x		74120-7M3
277/480V AC	3Ph WYE, 4W+G, 7-Mode	200kA	x		74277-7M3

[B] 57000 SERIES SURGE PROTECTION PANELS

120/208V AC	3Ph WYE, 4W+G	150kA	•	57120-0M3	57120-CM3
120/208V AC	3Ph WYE 7-Mode, Integral Disconnect, 4W+G	100kA	•	57120-M3S	57120-C3S
220/380V AC	3Ph WYE, 4W+G	150kA	•	57220-IM3	
240V AC	3Ph Delta, 3W+G	150kA	•	57240-DM3	
277/480V AC	3Ph WYE, 4W+G	150kA	•	57277-0M3	57277-CM3
277/480V AC	3Ph WYE 7-Mode, Integral Disconnect, 4W+G	100kA	•	57277-M3S	57277-C3S
346/600V AC	3Ph WYE, 4W+G	150kA	•	57346-0M3	
480V AC	3Ph Delta, 3W+G	150kA	•	57480-DM3	
600V AC	3Ph Delta, 3W+G	100kA	•	57600-DM3	

[C] 52000 SERIES SURGE PROTECTION PANELS

120V AC	Single Phase, 2W+G	100kA	•	52120-0M1	
120/240V AC	Single Phase, 3W+G	100kA	•	52120-0M2	52120-CM2
120/208V AC	3Ph WYE, 4W+G	100kA	•	52120-0M3	52120-CM3
120/240V AC	Single Phase, 3W+G	100kA	•	52120-M2H	52120-CM2
120/208V AC	3Ph WYE, 4W+G	100kA	•	52120-7M3	52120-7C3
240V AC	3Ph Delta, 3W+G	100kA	•	52240-DM3	
277/480V AC	3Ph WYE, 4W+G	100kA	•	52277-0M3	52277-CM3
277/480V AC	3Ph WYE, 4W+G	100kA	•	52277-7M3	52277-7C3
480V AC	3Ph Delta, 3W+G	100kA	•	52480-DM3	
120/240V AC	Split Phase Delta, 4W+G	100kA	•	52412-DS3	

[D] 47000 SERIES SURGE PROTECTION PANELS

120/208V AC	3Ph WYE, 4W+G	200kA		47120-007	
120/208V AC	3Ph WYE, 4W+G	200kA		47120-4X7	
277/480V AC	3Ph WYE, 4W+G	200kA		47277-007	
277/480V AC	3Ph WYE, 4W+G	200kA		47277-4X7	

SURGE PROTECTION PANELS



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SURGE PROTECTION PANELS (CONT.)

[A] 42000 Series One of our most popular surge protection panel series, the 42000 offers noise filtering, visual and audible performance diagnostics, and dry contacts for remote monitoring, all in a compact design.

[B] 37000 Series Designed for indoor installation at the service entrance, distribution and branch panel location, the 37000 series provides full 7-mode protection (each phase to neutral, each phase to ground, and neutral to ground) for WYE-configured, 3-phase AC systems.

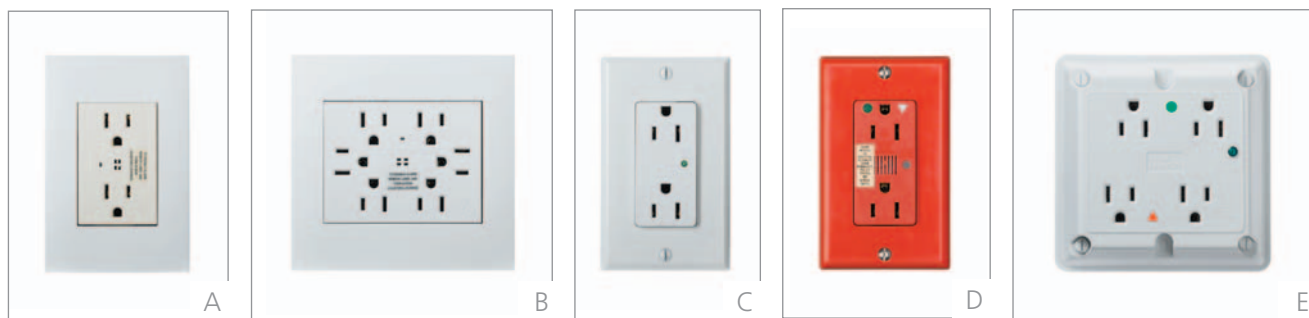
[C] 32000 Series With the same feature set as the 42000 family, but with more limited noise filtering, the 32000 series offers a lower price-point as well as compatibility with Leviton's Decora Home Controls (DHC) products.

[D] 51120 Series The 51120 series is ideal for high-end homes, multiple dwelling units/MDU (apartments or condominiums), or light-commercial environments with 3-phase requirements.

[E] 51110 Series Designed to protect home offices and entertainment centers, the 51110 series offers standard surge protection as well as multimedia protection against damaging power surges spikes through telephone, cable, or satellite TV connections.

[A] 42000 SERIES SURGE PROTECTION PANELS				
VOLTAGE RATING		PHASES	PEAK SURGE CURRENT RATING	PART NO.
120/240V AC		Single Phase	80kA	42120-001
120/208V AC		Single Phase; 3Ph WYE; 3Ph Delta	80kA	42120-DY3
277/480V AC, 220/380V AC, 480V AC		277/480V or 220/380V AC, 3Ph WYE or 240, 480V AC 3Ph Delta	80kA	42277-DY3
347/600V AC		3Ph WYE	80kA	42347-DY3
120/240V AC		Hi-Leg Split Phase Delta	80kA	42412-DS3
[B] 37000 SERIES SURGE PROTECTION PANELS				
120/208V AC		3Ph WYE, 4W+G	100kA	37120-007
277/480V AC		3Ph WYE, 4W+G	100kA	37277-007
[C] 32000 SERIES SURGE PROTECTION PANELS				
120/240V AC		Single Phase	80kA	32120-001
120/208V AC		Single Phase; 3Ph WYE; 3Ph Delta	80kA	32120-DY3
277/480V AC, 220/380V AC, 480V AC		277/480V or 220/380V AC, 3Ph WYE or 240, 480V AC 3Ph Delta	80kA	32277-DY3
347/600V AC		3Ph WYE	80kA	32347-DY3
120/240V AC		Hi-Leg Split Phase Delta	80kA	32412-DS3
[D] 51120 SERIES SURGE PROTECTION PANELS				
120/240V AC		Single Phase, 3W+G	50kA	51120-001
120/208V AC		3Ph WYE, 4W+G	50kA	51120-003
[E] 51110 SERIES SURGE PROTECTION PANELS				
VOLTAGE RATING	PHASES	OTHER FEATURES	PEAK SURGE CURRENT RATING	PART NO.
120/240V AC	Single Phase, 3W+G		48kA	51110-001
120/240V AC	Single Phase, 3W+G	w/ 2-Pr Tel, RJ11 & CATV/Satellite Co	48kA	51110-PTC
120/240V AC	Single Phase, 3W+G	w/ 4-Pr Tel & CATV/Satellite C	48kA	51110-CT8

SURGE PROTECTION RECEPTACLES



SURGE PROTECTION DEVICES

Leviton Surge Receptacles provide UL 1449 compliant, at-the-wall protection for demanding commercial, industrial, hospital, and residential installations. The low cost of these receptacles, combined with their ease of installation, means they can be placed anywhere you have a normal electrical outlet. Available in Decora®, Four-in-One and Acenti™ styles. Options include 15 and 20 amps, isolated ground, audible alarms, commercial and hospital grades, as well as various outlet configurations and colors to meet the challenges of diverse applications.

Use this guide to help you select from among the many options available in our line of Surge Protection Receptacles.

FEATURES KEY:

▼ Isolated Ground (IG)

■ Indicator Light

|||| Audible Alarm

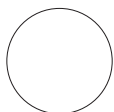
● Hospital Grade

[A, B] ACENTI™

ACENTI SURGE PROTECTION RECEPTACLES

FEATURES	VOLTAGE	AMPERAGE	OUTLET CONFIG.	COLOR	PART NO.
■	125V	15A	Duplex	W, E, G, Q, D, A	ACSSR-*
■	125V	15A	Duplex	W, E, G, Q, D, A	ACSR6-*

* = Colors: Alabaster (W), Natural (A), Quartz (Q), Sand (S), Driftwood (D), Slate (G), Onyx (E)



Alabaster (W)



Natural (A)



Quartz (Q)



Sand (S)















Driftwood (D)














Slate (G)

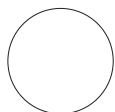


Onyx (E)

COMMERCIAL / INDUSTRIAL					
DECORA® SURGE PROTECTION RECEPTACLES					
FEATURES	VOLTAGE	AMPERAGE	OUTLET CONFIG.	COLOR	PART NO.
[C] 	125V	15A	Duplex	Brown, I, W, GY, B, A	5280-*
	125V	20A	Duplex	Brown, I, W, GY, B	5380-*
	125V	15A	Duplex	Brown, I, W, G, B, O	5280-IG*
	125V	20A	Duplex	Orange, I, W, G, B	5380-IG*
	125V	15A	Duplex	Brown, I, W, GY, B, A	7280-*
	125V	20A	Duplex	Brown, I, W, GY, B	7380-*
	125V	15A	Duplex	Brown, I, W, G, B, O	7280-IG*
	125V	20A	Duplex	Brown, I, W, G, B, O	7380-IG*
4-IN-1 SURGE PROTECTION RECEPTACLES					
	125V	15A	4-in-1	I, W, GY, R, B	5480-*
	125V	20A	4-in-1	I, W, GY, BU	5490-*
	125V	15A	4-in-1	Orange	5480-IG
	125V	20A	4-in-1	Orange	5490-IG

HOSPITAL GRADE					
DECORA® SURGE PROTECTION RECEPTACLES					
FEATURES	VOLTAGE	AMPERAGE	OUTLET CONFIG.	COLOR	PART NO.
[D] 	125V	15A	Duplex	Brown, I, W, R, B, A	8280-*
	125V	20A	Duplex	Brown, I, W, GY, R, B	8380-*
	125V	20A	Single	Brown, I, GY	8381-*
	125V	15A	Duplex	I, W, G, B, O	8280-IG*
	125V	15A	Single	I, W, O	8281-IG*
	125V	20A	Duplex	I, W, G, R, B, O	8380-IG*
	125V	20A	Single	I, W, B, O	8381-IG*
4-IN-1 SURGE PROTECTION RECEPTACLES					
	125V	15A	4-in-1	I, W, R	8480-*
	125V	20A	4-in-1	I, W, R	8490-*
[E] 	125V	15A	4-in-1	Orange, W, B	8480-IG*
	125V	20A	4-in-1	I, B	8490-IG*

* = Colors: White (W), Almond (A), Ivory (I), Orange (O), Red (R), Brown (B), Blue (B/BU), Grey (G/GY)



White (W)



Almond (A)



Ivory (I)



Orange (O)



Red (R)



Brown (B)



Blue (B/BU)



Gray (G/GY)

INDUSTRIAL SURGE PROTECTION DEVICES



[Front View]



[Rear View]

DIN-RAIL MOUNTABLE RECEPTACLES

DESCRIPTION	RATE LINE VOLTAGE	PART NO.
Hospital Grade Surge Protected Duplex Outlets w/LED & Audible Alarm	120V	3880-DIN
Surge Protected Single Convenience Receptacle	120V	3801-DIN

SPECIFICATIONS & FEATURES 3880 & 3801

<ul style="list-style-type: none"> • Ideal for mounting in equipment cabinets where convenient plug-in surge protection is desired • Hospital Grade Receptacles ensure the best electrical connection of equipment • Provides MOV-Based Normal Mode and Common Mode L-N, L-G, N-G protection • Designed for use on 120V single-phase AC power sources • Green LED goes off when surge protection is lost • Audible alarm has an integral disable (quiet) switch • Power continues to be provided to connected loads in the event of protection loss • Module housing comes in black only 	Standards & Certifications <ul style="list-style-type: none"> • Meets ANSI/IEEE C62.41 & C62.45 requirements for Categories A, B & C • UL 1449 Listed • CSA Certified (File #LR-94773) • Termination Block accepts #22-#12 AWG conductors 	Material Characteristics <ul style="list-style-type: none"> • Operating Temperature: -10°C to 60°C • Storage Temperature: -20°C to 85°C
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PERFORMANCE SPECIFICATIONS

OPERATING FREQUENCY	RATE LINE VOLTAGE	MAX. CONTINUOUS OPERATING VOLTAGE (MCOV)	MAX. SINGLE-PULSE TRANSIENT CURRENT (8x20μs, Amps peak)	RATED SINGLE-PULSE TRANSIENT ENERGY (10x1000μs, Joules)	EMI-RFI NOISE REJECTION @ 50 Ohms 5kHz - 5MHz
50,60Hz	120V	150V rms	24kA (L-N), 12kA (L-G), 12kA (N-G)	720 joules	-35 dB

SURGE PROTECTION STRIPS



A



B



C

6 OUTLET PLUG STRIPS, HOSPITAL GRADE

DESCRIPTION	APPLICATION	W/15-FOOT CORD	W/6-FOOT CORD
[A] 6-Outlet, Hospital Grade, w/o Switch	Supplies power to load if protection is lost	5300-H15	5300-HTS
6-Outlet Surge Strip	All-Purpose		4800-OPS

7 OUTLET PLUG STRIPS

DESCRIPTION	APPLICATION	POWER	TELCO	CATV/SAT
7-Outlet Surge Strip	Protects micro-processor based equipment	4950-OPS	4950-PST	4950-PSC

S1000 & S2000 SERIES PLUG STRIPS

[B] S1000 Series Surge Strips (6 outlets)	Surge Protection for Power/Telco/CATV/SAT	S1000-OPS	S1000-PST	S1000-PST
[C] S2000 Series Surge Strips (9 outlets)	Surge Protection for Power/Telco/CATV/SAT	S2000-OPS	S2000-PST	S2000-PST

PERFORMANCE SPECIFICATIONS

CAT NO.	JOULES	UL 1449 (2nd Ed) IMPULSE (6kV/500A)	MAX. SURGE CURRENT in KA (Test w/8x20μs wave)	NOISE REJECTION (@ 100kHz-100MHZ)	LOW VOLTAGE CLAMPING (UL 497A/B,UL452)
5300-HTS/H15	1080	L-N 400V	L-N 36	-20 to -40 dB	—
4800-PS	540	400V	12	-5 to -40 dB (100kHz - 30MHz)	—
4950-PS/PTS/PTC	1140	330	24	-40 to -50 dB	PST - 425V, PSC - 35V
S1000-PS/PST/PSC	1010	400V	10	-20 to -35 dB	PST - 335V, PSC - 395V
S2000-PS/PST/PSC	2020	330V	10	-20 to -35 dB	PST - 335V, PSC - 395V

FEATURES

5300-H15/HTS <ul style="list-style-type: none"> Clamping profile tightly tracks AC sine wave. Resettable circuit breaker and internal fusing. Tamper-proof, hospital grade receptacles Leakage current below UL544 100VA limits 4800-PS Provides all mode protection for all outlets. LED indicates protection is active 4950-PS/PST/PSC Combines surge protection with advanced noise filtration LEDs indicate power and protection status 	S1000 & S2000 <ul style="list-style-type: none"> Ground pin to outside for more transformer configurations Diagnostic LEDs for surge protection, polarity and ground verification Resettable circuit breaker Power line carrier compatible Audible alarm indicates loss of protection Four non skid rubber feet at the bottom 	Testing & Code Compliance <ul style="list-style-type: none"> 5300-H15 & 5300-HTS UL 1449, 1363, 1283 Listed UL 1449 Listed CSA Certified Meets ANSI/IEEE C62.41 & C62.45 	Material Characteristics <ul style="list-style-type: none"> Operating Temperature: -10°C to 60°C Storage Temperature: -35°C to 60°C
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