

Rackmount Surge Suppressors and Power Strips

Keep your rack neat—
plug all your rackmount equipment
into one central location.



FEATURES

- » Choose how much power protection you need.
- » Available with or without on/off switches.
- » Affordable power strips for wallmount-type power supplies.
- » Each includes a protective circuit breaker with a front-panel reset button.
- » Organize those tangled power cords in your rack.
- » All units are 100% tested before we ship them to you!

OVERVIEW

Your expensive rackmount equipment deserves power from Black Box.

For basic power to multiple devices, choose the 19" [Rackmount Power Strip](#)—available in Front-Access Switchable (PS189A), Rear-Access Switchable (PS186A), or Rear-Access Switchless (PS188A-R2) models.

The Switchless versions have six rear outlets and are our basic power strips without surge protection.

The Front-Access model has six outlets rotated 90° for wallmount-type power supplies. It comes with a lighted on/off switch to control power to the power strip and does not have surge protection.

Or choose the 20-amp, 19" 8-outlet rack versions: SP470A-R2 (includes on/off switch) or SP471A-R2 (switchless). And if you need a 24" [Rackmount Power Strip](#), order the SP214A-R3 (switchless). All three models feature a twist-lock plug.

Suppress the Surge

Suppress the surge with our standard 6-outlet [Surge Suppressor](#), the SP187A (switchable).

The actual clamp voltage is 336 volts peak, so it's well-equipped to handle most abnormal power surges. It's EMI/RFI resistance works up to 40 dB, creating a safe path for high-frequency noise around your protected circuit. The SP187A features a 15-amp resettable circuit breaker.

As a fail-safe measure, the suppressor automatically shuts off power to your outlets if its surge suppression fails. When the LED goes dark, you know the power strip has done its job—it has taken a major surge, sparing the attached devices—and should be replaced.

Or choose the 8-outlet models with surge suppression. Both SP472A-R2 and SP473A-R2 include a 20-amp circuit breaker and a twist-lock plug. SP472A-R2 has an on/off switch, while SP473A-R2 is switchless.

Premium Protection

For the best all-around protection, choose the Premium [Rackmount Surge Suppressor](#) (SP215A-R2). It provides premium protection for all advanced and critical electronic, network, and computer applications. The SP215A-R2 helps prevent power surges from damaging your equipment.

The Premium Protector's actual clamp voltage is 260 volts peak, and the device resists EMI/RFI up to 60 dB. The SP215A-R2 is switchless to prevent accidental shutoffs.

The Vertical [Surge Suppressor Strips](#) are 48", 70", or 77" [rackmountable power strips](#) that mount from top to bottom in the rear of standard 19" racks. These strips have 10, 11, or 12 outlets on the front panel. All models of the Vertical [Surge Suppressor Strips](#) feature electrical and mechanical grounding, resist EMI/RFI up to 40 dB, and have an LED indicator and no power switch. All models also fall into the UL® 1449 330-volt clamping category (actually clamps at 312 volts).

NOTE: The SP187A, SP215A-R2, SP197A-R2–SP199A-R2, and SP216A-R2–SP218A are designed to protect equipment that is sensitive to the destructive effects of power-line transients and noise on electronic and electrical circuitry. However, they are not lightning arrestors and do not protect equipment in the rare instance that lightning actually strikes your site's service entrance or antenna.

Each unit is 100% tested before it's shipped to you.

Installation's easy for all of our suppressors and power strips. With all models, you simply bolt the unit to the cabinet; plug your devices' transformers into the unit's outlets; then plug the unit into an AC power source.

TECH SPECS

PS189A

Compliance — FCC Class A, IC Class/classe A, UR recognized, CSA certified
Rated Current — 15 amps (has front-mounted resettable breaker)
Control — (1) Front-mounted On/Off switch (lights when On)
Input — (1) 6-ft. (1.8-m) 14/3 (14-AWG, 3-conductor) cord with NEMA 5-15 male plug
Outlets — (6) Front-mounted NEMA 5-15Rs, rotated 90° from normal in order to support wallmount transformers
Power — 120 VAC
Size — 1.8"H x 19"W x 2.8"D (4.6 x 48.3 x 7.1 cm)
Weight — 2.5 lb. (1.1 kg)

PS186A

Compliance — FCC Class A, IC Class/classe A, UR recognized, CSA certified
Rated Current — 15 amps (has front-mounted resettable breaker)
Control — (1) Front-mounted ON/OFF switch (lights when ON)
Input — (1) 6-ft. (1.8-m) 14/3 (14-AWG, 3-conductor) cord with NEMA 5-15 male plug
Outlets — (6) Front-mounted NEMA 5-15Rs
Power — 120 VAC
Size — 1.8"H x 19"W x 2.8"D (4.6 x 48.3 x 7.1 cm)
Weight — 2.5 lb. (1.1 kg)

PS188A-R2

Compliance — FCC Class A, IC Class/classe A, UR recognized, CSA certified
Rated Current — 15 amps (has front-mounted resettable breaker)
Input — (1) 6-ft. (1.8-m) 14/3 (14-AWG, 3-conductor) cord with NEMA 5-15 male plug
Outlets — (6) Rear-mounted NEMA 5-15Rs
Power — 120 VAC
Size — 1.8"H x 19"W x 2.8"D (4.6 x 48.3 x 7.1 cm)
Weight — 2.5 lb. (1.1 kg)

SP187A

Compliance — FCC Class A, IC Class/classe A, UR recognized, CSA certified
Rated Current — 15 amps (has front-mounted resettable breaker)
Protection — Surge suppression: Type: Single-stage;
UL 1449 clamping category: 400 volts peak transient voltage;
Actual clamp voltage: 336 volts peak;
Maximum surge-energy resistance: 13,000 amps;
EMI/RFI resistance: Up to 40 dB
Control — (1) Front-mounted On/Off switch (lights when On)
Indicator — (1) Front-mounted Protection LED (goes dark when unit's protection circuitry has absorbed surge and been destroyed)
Input — (1) 6-ft. (1.8-m) 14/3 (14-AWG, 3-conductor) cord with NEMA 5-15 male plug
Outlets — (6) Rear-mounted NEMA 5-15Rs
Power — 120 VAC
Size — 1.8"H x 19"W x 2.8"D (4.6 x 48.3 x 7.1 cm)
Weight — 2.5 lb. (1.1 kg)

SP215A-R2

Compliance — FCC Class A, IC Class/classe A, UR recognized, CSA certified
Rated Current — 15 amps (has front-mounted resettable breaker)
Protection — Surge suppression: Type: Four-element, four-stage hybrid;
UL 1449 clamping category: 330 volts peak transient voltage;
Actual clamp voltage: 260 volts peak;
Maximum surge-energy resistance: 33,000 amps;
EMI/RFI resistance: Up to 60 dB
Indicator: (1) Front-mounted Protection LED (goes dark when unit's protection circuitry has absorbed surge and been destroyed)
Input — (1) 6-ft. (1.8-m) 14/3 (14-AWG, 3-conductor) cord with NEMA 5-15 male plug
Outlets — (6) Rear-mounted NEMA 5-15Rs
Power — 120 VAC
Size — 1.8"H x 19"W x 2.8"D (4.6 x 48.3 x 7.1 cm)
Weight — 2.5 lb. (1.1 kg)

SP197A-R2-SP199A-R2

Compliance — FCC Class A, DOC Class/MDC classe A, UL listed, CSA certified
Rated Current — 15 amps (has front-mounted resettable breaker)
Protection — Surge suppression: Type: Single-stage;
UL 1449 clamping category: 330 volts peak transient voltage;
Actual clamp voltage: 312 volts peak;
Maximum surge-energy resistance: 13,000 amps;
EMI/RFI resistance: Up to 40 dB
Indicator — (1) Front-mounted Protection LED (goes dark when unit's protection circuitry has absorbed surge and been destroyed)
Input — (1) 6-ft. (1.8-m) 14/3 (14-AWG, 3-conductor) cord with NEMA 5-15 male plug
Outlets — SP197A-R2: (10) Front-mounted NEMA 5-15Rs;
SP198A-R2: (11) Front-mounted NEMA 5-15Rs; SP199A-R2: (12) Front-mounted NEMA 5-15Rs
Power — 120 VAC
Size — SP197A-R2: 48"L x 1.5"W x 1.2"D (121.9 x 3.8 x 3.1 cm);
SP198A-R2: 70"L x 1.5"W x 1.2"D (177.8 x 3.8 x 3.1 cm);
SP199A-R2: 77"L x 1.5"W x 1.2"D (195.6 x 3.8 x 3.1 cm)
Weight — SP197A-R2: 3.5 lb. (1.6 kg);
SP198A-R2: 4.4 lb. (2 kg);
SP199A-R2: 5 lb. (2.3 kg)

SP216A-R2-SP218A

Compliance — FCC Class A, DOC Class/MDC classe A, UL listed, CSA certified
Rated Current — 20 amps (has front-mounted resettable breaker)
Protection — Surge suppression: Type: Single-stage;
UL 1449 clamping category: 330 volts peak transient voltage;
Actual clamp voltage: 312 volts peak;
Maximum surge-energy resistance: 13,000 amps;
EMI/RFI resistance: Up to 40 dB
Indicator — (1) Front-mounted Protection LED (goes dark when unit's protection circuitry has absorbed surge and been destroyed)
Input — (1) 15-ft. (4.6-m) 12/3 (12-AWG, 3-conductor) cord with NEMA 5-20 male plug
Outlets — SP216A-R2: (10) Front-mounted NEMA 5-15Rs; SP217A-R2: (11) Front-mounted NEMA 5-15Rs; SP218A: (12) Front-mounted NEMA 5-15Rs
Power — 120 VAC
Size — SP216A-R2: 48"L x 1.5"W x 1.2"D (121.9 x 3.8 x 3.1 cm);
SP217A-R2: 70"L x 1.5"W x 1.2"D (177.8 x 3.8 x 3.1 cm);
SP218A: 77"L x 1.5"W x 1.2"D (195.6 x 3.8 x 3.1 cm)
Weight — SP216A-R2: 5.2 lb. (2.4 kg);
SP217A-R2: 6.3 lb. (2.9 kg); SP218A: 6.7 lb. (3 kg)

TECH SPECS (CONTINUED)



SP196A-R2: top: front view; bottom: rear view

SP214A-R3

Compliance — FCC Class A, IC Class/classe A, UR recognized, CSA certified
Rated Current — 20 amps
Input — (1) 15-ft. (4.6-m) 12/3 (12-AWG, 3-conductor) cord with L5-20P twist-lock plug
Outlets — (8) Rear-mounted NEMA 5-15Rs
Power — 120 VAC
Size — 1.5"H x 24"W x 1.2"D (3.8 x 61 x 3.1 cm)
Weight — 3.5 lb. (1.6 kg)

SP470A-R2

Compliance — FCC Class A, IC Class/classe A, UR recognized, CSA certified
Rated Current — 20 amps
Control — (1) Front-mounted On/Off switch
Input — (1) 15-ft. (4.5-m) 12/3 (12-AWG, 3-conductor) cord with L5-20P twist-lock plug
Outlets — (8) Rear-mounted NEMA 5-15Rs
Power — 120 VAC
Size — 1.8"H x 19"W x 2.8"D (4.6 x 48.3 x 7.1 cm)
Weight — 5.5 lb. (2.5 kg)

SP472A-R2

Compliance — FCC Class A, IC Class/classe A, UR recognized, CSA certified
Rated Current — 20 amps
Control — (1) Front-mounted On/Off switch
Input — (1) 15-ft. (4.6-m) 12/3 (12-AWG, 3-conductor) cord with L5-20P twist-lock plug
Outlets — (8) Rear-mounted NEMA 5-15Rs
Power — 120 VAC
Size — 1.6"H x 19"W x 2.5"D (4.1 x 48.3 x 6.4 cm)
Weight — 5.5 lb. (2.5 kg)

SP473A-R2

Compliance — FCC Class A, IC Class/classe A, UR recognized, CSA certified
Rated Current — 20 amps
Input — (1) 15-ft. (4.6-m) 12/3 (12-AWG, 3-conductor) cord with L5-20P twist-lock plug
Outlets — (8) Rear-mounted NEMA 5-15Rs
Power — 120 VAC
Size — 1.6"H x 19"W x 2.8"D (4.1 x 48.3 x 7.1 cm)
Weight — 5.5 lb. (2.5 kg)

Item	Code	Item	Code
19" Rackmount Power Strip, Switchable, Aluminum Front Access	PS189A	20-Amp Rated Current Vertical Surge Suppressor Strips	
Rear Access	PS186A	48" Vertical Surge Suppressor Strip	SP216A-R2
19" Rackmount Power Strip, Switchless, Rear Access, Aluminum	PS188A-R2	70" Vertical Surge Suppressor Strip	SP217A-R2
400-V 19" Rackmount Surge Power Strip, Switchable	SP187A	77" Vertical Surge Suppressor Strip	SP218A
Premium Rackmount Surge Protector	SP215A-R2	20-Amp Rackmount Power Strips, 8 Rear Outlets	
15-Amp Rated Current Vertical Surge Suppressor Strips		24"	SP214A-R3
48"	SP197A-R2	19" without Surge Suppression	
70"	SP198A-R2	Twist-Lock Plug, On/Off Switch	SP470A-R2
77"	SP199A-R2	19" with Surge Suppression	
		Twist-Lock Plug, On/Off Switch	SP472A-R2
		Twist-Lock Plug, No Switch	SP473A-R2