

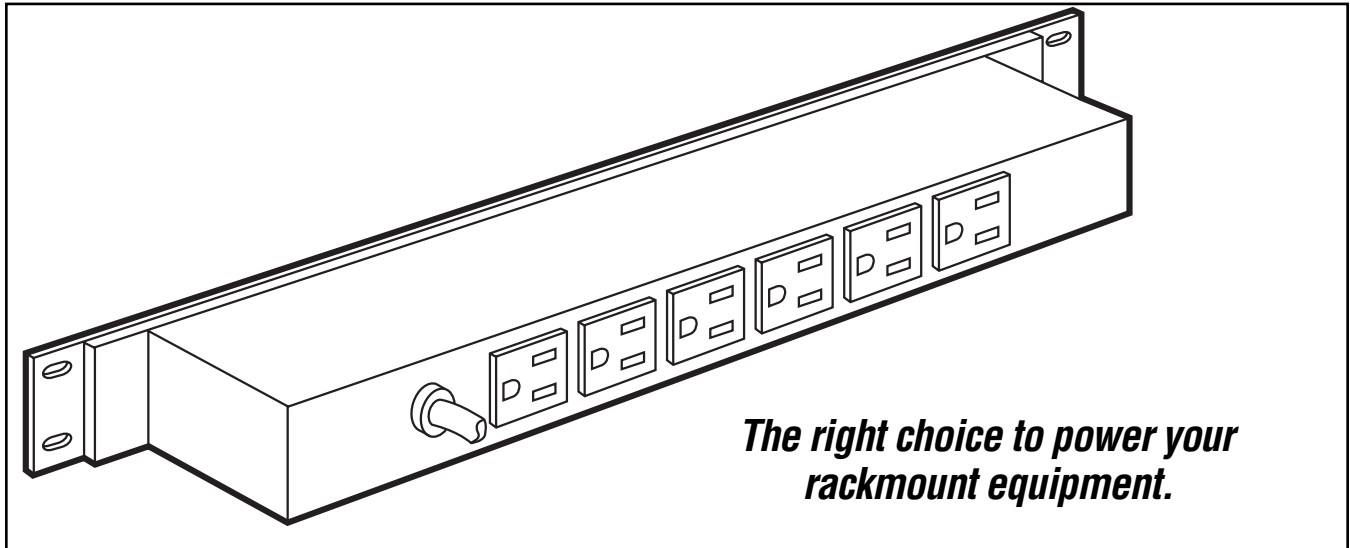


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BLACK BOX[®]

NETWORK SERVICES

RACKMOUNT SURGE SUPPRESSORS AND POWER STRIPS



The right choice to power your rackmount equipment.

Key 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!**

Your expensive rackmount equipment deserves power from Black Box.

For basic power to multiple devices, choose the 19" Rackmount Power Strip—available in a Switchable (PS186A), Switchless (PS188A), or Front-Access (PS189A) model—or the 70" Rackmount Power Strip (PS187A-R2).

The Switchless version has six rear outlets. It's our basic power strip 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. It doesn't have surge protection.

If you need more outlets, then choose the PS187A-R2, a power strip that mounts from top to bottom in the rear of standard 19" racks and features 11 outlets on

its front panel. The PS187A-R2 doesn't include surge protection.

Suppress the Surge

Our standard Surge Suppressors are the SP187A (Switchable) and SP211A (Switchless). When you can't afford any glitches, choose the Switchless model (the 400V Rackmount Surge Suppressor). It doesn't have an on/off switch, so you won't accidentally turn it off and crash your system. On the other hand, when you need to be able to switch power on everything at once, choose our Switchable model (the 19" Rack Surge Power Strip).

The actual clamp voltage on both is 336 volts peak, so they're well-equipped to handle most abnormal power surges. Their EMI/RFI resistance works up to 40 dB, creating a safe path for high-frequency noise around your

protected circuit. The SP187A and SP211A each feature 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.

Premium Protection

For the best all-around protection, choose the Premium Rackmount Surge Suppressor (SP215A). It provides premium protection for all advanced and critical electronic, network, and computer applications. The SP215A helps prevent system

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crashes, corrupted data files, disk-drive errors, computer lock-ups, and other hardware failures.

The Premium Protector's actual clamp voltage is 260 volts peak, and the device resists EMI/RFI up to 60 dB. As with the SP211A, the SP215A 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 UL1449 330-volt clamping category (actually clamps at 312 volts).

Note: The SP187A, SP211A, SP215A, SP197A–SP199A, and SP216A–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 except the PS187A-R2, 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. With the PS187A-R2, you use mounting clips to secure the power strip to

Specifications

PS186A (19" Rack Power Strip)

Compliance — FCC Class A, IC Class/classe A, UR recognized, CSA certified

Power — 120 VAC

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

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)

PS187A-R2 (70" Vertical Power Strip)

Compliance — FCC Class A, DOC Class/MDC classe A, UL listed, CSA certified, UR recognized

Power — 120 VAC

Rated Current — 15 amps (has side-mounted resettable breaker)

Input — (1) 6-ft. (1.8-m) 14/3 (14-AWG, 3-conductor) cord with NEMA 5-15 male plug

Outlets — (11) Front-mounted NEMA 5-15Rs

Size — 70"H x 1.5"W x 1.2"D (177.8 x 3.8 x 3 cm)

Weight — 3.5 lb. (1.6 kg)

PS188A (Rack Mount Power Strip, Switchless)

Compliance — FCC Class A, IC Class/classe A, UR recognized, CSA certified

Power — 120 VAC

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

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)

PS189A (Rack Mount Power Strip, Front Access)

Compliance — FCC Class A, IC Class/classe A, UR recognized, CSA certified

Power — 120 VAC

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

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 (19" Rack Surge Power Strip)

Compliance — FCC Class A, IC Class/classe A, UR recognized, CSA certified

Power — 120 VAC

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

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)

SP211A (400-Volt Rack Mount Surge Suppressor, Switchless)

Compliance — FCC Class A, IC Class/classe A, UR recognized, CSA certified

Power — 120 VAC

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;
Fail safety: Unit automatically shuts off power to its outlets if surge suppression fails;
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 — (6) Rear-mounted NEMA 5-15Rs

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 (Premium Rack Mount Surge Suppressor)

Compliance — FCC Class A, IC Class/classe A, UR recognized, CSA certified

Power — 120 VAC

Rated Current — 15 amps (has front-mounted resettable breaker)



Specifications (continued)

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

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 (48" Vertical Surge Suppressor Strip), SP198A (70" Vertical Surge Suppressor Strip), and SP199A (77" Vertical Surge Suppressor Strip)

Compliance — FCC Class A, DOC Class/MDC classe A, UL listed, CSA certified

Power — 120 VAC

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: (10) Front-mounted NEMA 5-15Rs; SP198A: (11) Front-mounted NEMA 5-15Rs; SP199A: (12) Front-mounted NEMA 5-15Rs

Size — SP197A: 48"L x 1.5"W x 1.2"D (121.9 x 3.8 x 3.1 cm); SP198A: 70"L x 1.5"W x 1.2"D (177.8 x 3.8 x 3.1 cm); SP199A: 77"L x 1.5"W x 1.2"D (195.6 x 3.8 x 3.1 cm)

Weight — SP197A: 3.46 lb. (1.57 kg); SP198A: 4.42 lb. (2 kg); SP199A: 4.96 lb. (2.25 kg)

SP216A (48" Vertical Surge Suppressor Strip), SP217A (70" Vertical Surge Suppressor Strip), and SP218A (77" Vertical Surge Suppressor Strip)

Compliance — FCC Class A, DOC Class/MDC classe A, UL listed, CSA certified

Power — 120 VAC

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: (10) Front-mounted NEMA 5-15Rs; SP217A: (11) Front-mounted NEMA 5-15Rs; SP218A: (12) Front-mounted NEMA 5-15Rs

Size — SP216A: 48"L x 1.5"W x 1.2"D (121.9 x 3.8 x 3.1 cm); SP217A: 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: 5.22 lb. (2.37 kg); SP217A: 6.3 lb. (2.86 kg); SP218A: 6.66 lb. (3.02 kg)

Why Buy From Black Box? Exceptional Value. Exceptional Tech Support. Period.

Recognize any of these situations?

- You wait more than 30 minutes to get through to a vendor's tech support.
- The so-called "tech" can't help you or gives you the wrong answer.
- You don't have a purchase order number and the tech refuses to help you.
- It's 9 p. m. and you need help, but your vendor's tech support line is closed.

According to a survey by Data Communications magazine, 90% of network managers surveyed say that getting the technical support they need is extremely important when choosing a

vendor. But even though network managers pay anywhere from 10 to 20% of their overall purchase price for a basic service and support contract, the technical support and service they receive falls far short of their expectations—and certainly isn't worth what they paid.

At Black Box, we guarantee the best value and the best support. You can even consult our Technical Support Experts before you buy if you need help selecting just the right component for your application.

Don't waste time and money—call Black Box today.

Ordering Information

ITEM	CODE
19" Rackmount Power Strip, Switchable.....	PS186A
19" Rackmount Power Strip, Switchless.....	PS188A
19" Rackmount Outlet Strip, Front Access.....	PS189A
70" Rackmount Power Strip, Switchless.....	PS187A-R2
400-V 19" Rackmount Surge Power Strip, Switchable.....	SP187A
400-V Rackmount Surge Protector, Switchless...	SP211A
Premium Rackmount Surge Protector.....	SP215A
15-Amp Rated Current Vertical Surge Suppressor Strips	
48".....	SP197A
70".....	SP198A
77".....	SP199A
20-Amp Rated Current Vertical Surge Suppressor Strips	
48" Vertical Surge Suppressor Strip.....	SP216A
70" Vertical Surge Suppressor Strip.....	SP217A
77" Vertical Surge Suppressor Strip.....	SP218A

