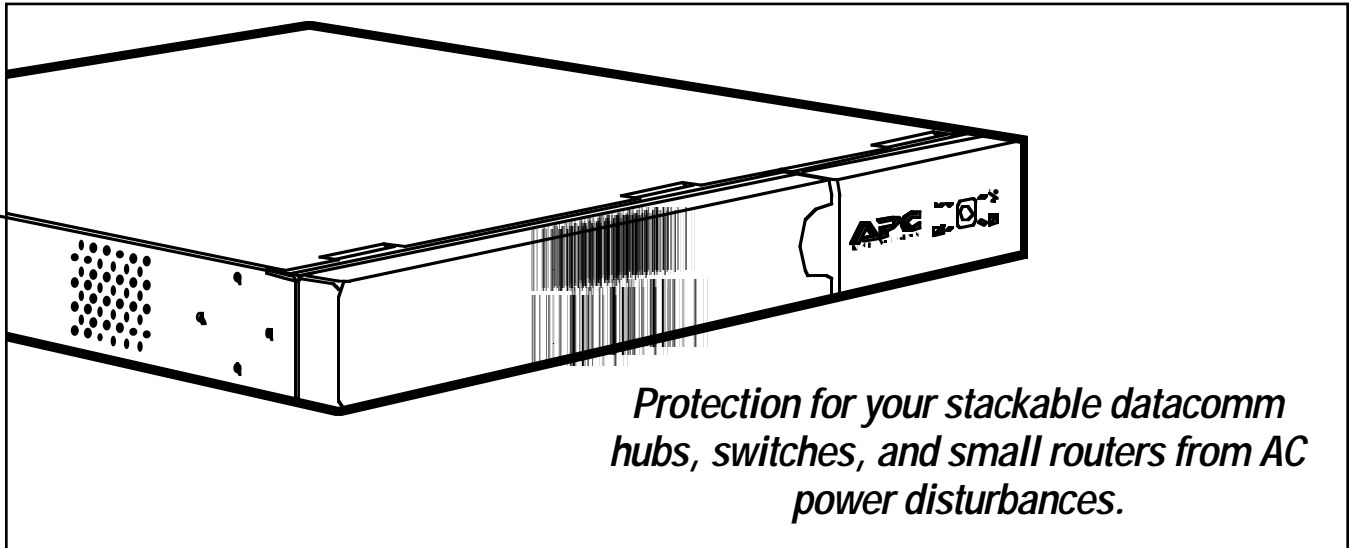


BLACK BOX[®]

NETWORK SERVICES

POWERSTACK



Protection for your stackable datacomm hubs, switches, and small routers from AC power disturbances.

Key Features

- ▶ ***Provides continuous AC power and network availability.***
- ▶ ***Protects four rackmount pieces of equipment with six minutes of run time at full load.***
- ▶ ***Takes little or no rack space!***
- ▶ ***Hot-swappable batteries mean no network downtime for battery replacement.***
- ▶ ***Double SmartBoost™ and SmartTrim™ make sure the battery's used only when necessary.***

Don't let surges, spikes, and brownouts affect your network. Sure, you've got a UPS for your servers and PCs, but what about internetworking equipment that's just as important? The PowerStack™ provides continuous AC power and network availability to your stackable data-communications hubs, switches, and small routers.

Connect up to four pieces of equipment to the PowerStack with up to 6 minutes of run time at full load. Also, since rack space is always at a premium, the PowerStack takes up only 1U, or if you'd rather keep your rack space free for other things, install it on the wall or the floor.

The PowerStack is equipped with APC PowerChute plus software for Windows NT® and Windows® 95. The software automatically protects your system

and your data during a power crisis.

The Double SmartBoost and SmartTrim features make sure the PowerStack uses battery capacity only when necessary so

that precious battery life isn't wasted. And when it is time to replace the batteries, don't halt productivity to change them—they're hot-swappable.

The Complete Package

- PowerStack 250 or 450.
- PowerChute® plus software.
- Rackmount ears.
- Internal battery.
- A users' manual.

Specifications

Compliance — CE, UL® 1778, CSA 107.1, FCC Part 15 Class A

Input Line — (6-ft. line cord) NEMA 5-15P

Output Receptacles — (NEMA 5-15R) 4

Normal Input Voltage — 120 VAC, single phase, 50 or 60 Hz (auto-selectable)

Transfer Time (typical) — 4 ms, blackout response time

On-Battery Output Voltage — Stepped sine wave

Capacity — PS250: 250 VA, 165 watts; PS450: 450 VA, 280 watts

Load Power Factor Range, Maximum Crest Factor — 0.5 to 1.0, <5

Surge Energy Rating, Peak Current Capability — 400 joules, 26 kA

SmartBoost and SmartTrim Operation — On-line operation for input between 90 to 145 VAC. Output will be 103 to 132 VAC. SmartBoost increases voltage 12% if input is 145 to 132 VAC. Transfer points are user adjustable using software.

Common Mode Clamping Response Time — <5 nsec typical

Normal and Common Mode Surge Suppression — Up to ±6 kVA per ANSI C62.41 and IEC 801-5 category I, II, III, and IV

Normal Mode RF Noise Suppression — 0.5 to 2 MHz: 60 dB; 2 to 30 MHz: 40 dB

Common Mode RF Noise Suppression — 0.5 to 2 MHz: 25 dB; 2 to 5 MHz: 25 dB; 5 to 30 MHz: 17 dB

Audible Noise — At 1 m from surface of the unit: <38 dBA

Batteries — (2) sealed, maintenance-free lead-free acid batteries (3- to 6-year typical life), 12V; PS250: 6.5 Amp-hour battery pack; PS450: 9 Amp-hour battery pack

Recharge Time — 4 to 8 hours to 90% capacity after discharge into 50% load

Temperature Tolerance — Operating: 0 to 40°C (32 to 104°F); Storage: -15 to 45°C (5 to 113°F)

Humidity Tolerance — 5 to 95%, noncondensing

Altitude Tolerance — Operating: Up to 10,000 feet (3000 m); Storage: Up to 50,000 feet (15,000 m)

Size — 4.4H x 44.5W x 33D cm (1.75"H x 17.5"W x 13"D)

Weight — PS250: 8.4 kg (18.5 lb.); PS450: 10.2 kg (22.5 lb.)

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

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.

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
PowerStack	
250	PS250
450	PS450