

SmartSlot UPS Accessories



Customize your Smart-UPS or Matrix-UPS
for easier power management.

FEATURES

- Protect servers and telecomm equipment.
- Accessories directly plug into your UPS!
- Daisychain SmartSlot Expansion Chassis for additional power-management features.
- Perform safe system shutdowns with the Interface Expander.
- Monitor environmental conditions with Measure-UPS II.
- Conduct effective remote management with Call-UPS II and Relay I/O Module.

OVERVIEW

Uninterruptible power supplies from APC® provide incredible protection for your application. From servers to midrange systems—even telecomm equipment—you know you can rely on APC.

Wouldn't it be great if you could customize your UPS for greater reliability? Now you can!

Plug SmartSlot™ Accessories into your UPS—the accessories become an integral part of the UPS. Customization is that easy!

Expansion Chassis

With the Expansion Chassis, you can integrate SmartSlot Accessories with your Smart-UPS® or Matrix-UPS®—even if the UPS is not SmartSlot equipped.

You can even use multiple SmartSlot Accessories with a single UPS.

Attach a SmartSlot Expansion Chassis to any Smart-UPS or Matrix-UPS serial port, and place a SmartSlot Accessory into the Expansion Chassis. That's all it takes to customize the UPS to your specific application.

You can configure your UPS for multiple applications.

Two SmartSlot Expansion Chassis can be daisy-chained together, enabling you to use the combined features of up to three SmartSlot Accessories from one UPS installation.

UPS Interface Expander

If you're managing multiple servers, particularly in a mixed OS environment, the SmartSlot UPS Interface Expander along with a Share-UPS™ UPS Interface Expander (Product Data Sheet 19022) are essential tools to properly manage signaling servers from a single UPS.

The SmartSlot UPS Interface Expander provides two additional ports to facilitate a safe system shutdown plus advanced UPS management of up to three servers from one UPS.

The SmartSlot UPS Interface Expander offers similar multiple server shutdown capabilities to the APC Share-UPS, in a three-port, integrated version.

Measure-UPS™ II

Remotely monitor temperature, humidity, and other environmental conditions via PowerChute® plus, Call-UPS™ II, or PowerNet® SNMP Adapters and Agents.

SmartSlot Measure-UPS II offers several benefits:

- Remote monitoring via sensor probe. Extendable probe enables users to monitor environments up to 12 feet (3.7 m) from the UPS or Measure-UPS. Models are available for temperature and humidity monitoring, or for temperature only.
- Flexible sensor monitoring via dry contacts. Compatible with closed- or open-loop sensors, even in the same zone. Dry contacts come with a DC power source, allowing more flexibility in sensor options.

Web/SNMP Management Card

Connect your Smart-UPS or Matrix-UPS to the network in a 10BASE-T environment. With this Card, you can fully manage and control the UPSs through a Web browser, Telnet™, or SNMP.

Configure the Card locally with a serial connection from a terminal session or with a special configuration utility (included). Or remotely configure it using BootP, TFTP, or FTP. You can also remotely reboot your networking equipment if it locks up.

Call-UPS II

Manage a UPS with a SmartSlot from a remote site. Call-UPS II provides complete UPS information, page-notification of power problems, and the ability to reboot attached equipment safely via a Call-UPS II Modem (ask Tech Support for Modem details). Communicate with your UPS even during power outages or when your server is down.

Relay I/O Module

Control and monitor power through a simple dry-contact interface. With the Relay I/O Module, users can control Smart-UPS or Matrix-UPS operations and receive critical UPS alarms, functions that are normally available only through fileserver or modem communications.

Remotely monitor the UPS battery and operation when the power goes out. And safely reboot locked-up remote devices.

NOTE: SmartSlot Accessories provide complete control of your UPS by creating a power-management solution custom-tailored to your application.

TECH SPECS

Expansion Chassis:

System Requirements — Smart-UPS or Matrix-UPS
Power — From UPS (some older Smart-UPS models may require an external power supply)
Size — 2.8"H x 5"W x 5.3"D (7.1 x 12.7 x 13.5 cm)
Weight — 1.5 lb. (0.7 kg)

Smart-UPS Interface Expander:

System Requirements —
Smart-UPS or Matrix-UPS;
Safe System: (1) per server;
PowerChute plus software
Connectors — (2) Basic monitoring power with simple signaling,
(1) smart communication from UPS port
Power — From UPS (some older Smart-UPS models may require an external power supply)
Size — 4"H x 1.5"W x 4"D (10.2 x 3.8 x 10.2 cm)
Weight — 0.3 lb. (0.1 kg)

Measure-UPS II:

System Requirements — Smart-UPS or Matrix-UPS equipped with a SmartSlot; PowerChute plus 4.0 or higher, PowerDoctor 1.2 or higher, PowerNet SNMP Adapter/Agents, or Call-UPS II
Connectors — DB9 serial for modem
Temperature Range — 32 to 149°F (0 to 65°C)
Humidity Range — 10 to 90% relative humidity
Power — From SmartSlot
Size — 1.5"H x 5"W x 5.3"D (3.8 x 12.7 x 13.5 cm)
Weight — 1.1 lb. (0.5 kg)

Web/SNMP Management Card:

System Requirements — Smart-UPS or Matrix-UPS
Connectors — (1) RJ-45 10BASE-T
Indicators — (1) Link - TX/RX, (1) Status
Power — From the interface
Size — 1.5"H x 4.5"W x 4.25"D (3.8 x 11.4 x 10.8 cm)
Weight — 0.5 lb. (0.2 kg)

Call-UPS II and Relay I/O Module:

System Requirements — Smart-UPS or Matrix-UPS;
AP9608: 1200 bps or above modem
Power — From SmartSlot
Size — 4"H x 1.5"W x 4"D (10.2 x 3.8 x 10.2 cm)
Weight — 0.3 lb. (0.1 kg)



AP9607

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.

Item	Code
SmartSlot UPS Accessories	
Expansion Chassis	AP9600
Smart-UPS Interface Expander	AP9607
Measure-UPS II	
Temperature	AP9612T
Temperature/Humidity	AP9612TH
Web/SNMP Management Card	AP9606
Call-UPS II	AP9608
Relay I/O Module	AP9610