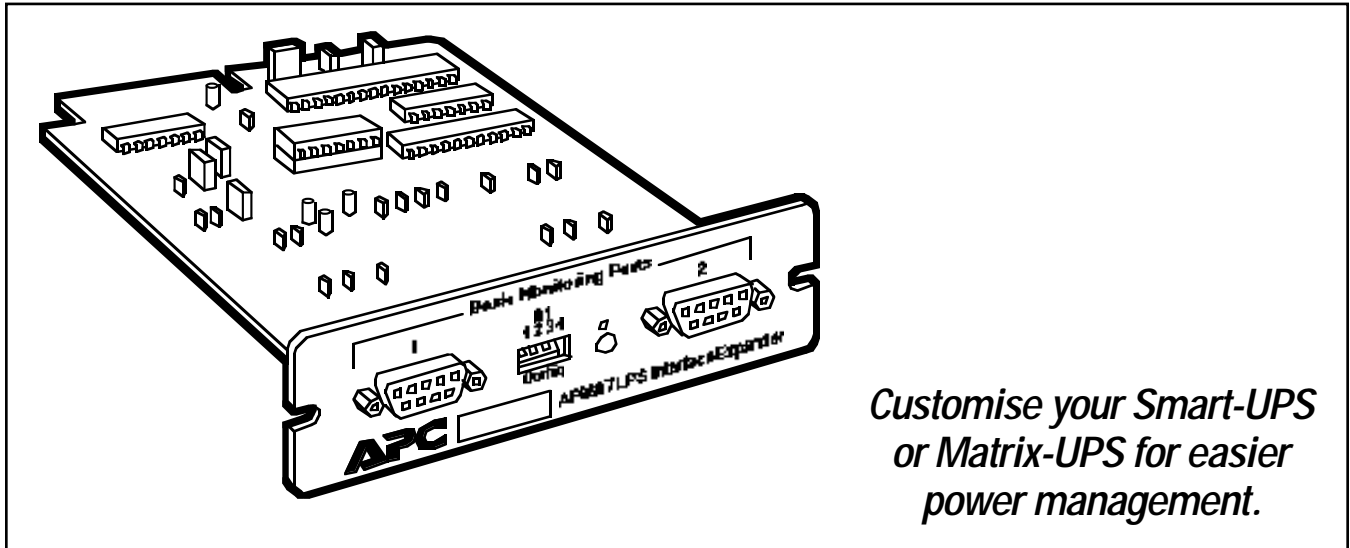




BLACK BOX[®]

NETWORK SERVICES

SMARTSLOT UPS ACCESSORIES



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

Key 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.**

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 customise your UPS for greater reliability? Now you can! Plug SmartSlot[™] Accessories into your UPS—the Accessories become an integral part of the UPS. Customisation 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 customise 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 (*FaxBack #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 3.7 m (12 feet) from the UPS or Measure-UPS. Models are

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Specifications

Expansion Chassis:

System Requirements: Smart-UPS or Matrix-UPS

Power: From UPS (some older Smart-UPS models may require an external power supply)

Size: 7.1H x 12.7W x 13.5D cm (2.8"H x 5"W x 5.3"D)

Weight: 0.7 kg (1.5 lb.)

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: 10.2H x 3.8W x 10.2D cm (4"H x 1.5"W x 4"D)

Weight: 0.1 kg (0.3 lb.)

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: 0 to 65°C (32 to 149°F)

Humidity Range: 10 to 90% relative humidity

Power: From SmartSlot

Size: 3.8H x 12.7W x 13.5D cm (1.5"H x 5"W x 5.3"D)

Weight: 0.5 kg (1.1 lb.)

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: 3.8H x 11.4W x 10.8D cm (1.5"H x 4.5"W x 4.25"D)

Weight: 0.2 kg (0.5 lb.)

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: 10.2H x 3.8W x 10.2D cm (4"H x 1.5"W x 4"D)

Weight: 0.1 kg (0.3 lb.)

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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.

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

APC equipment.

Always protect computer equipment.

You never know when a surge or a power loss will occur. So plan for the worst by using the best for equipment and data protection: APC.

Ordering Information

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