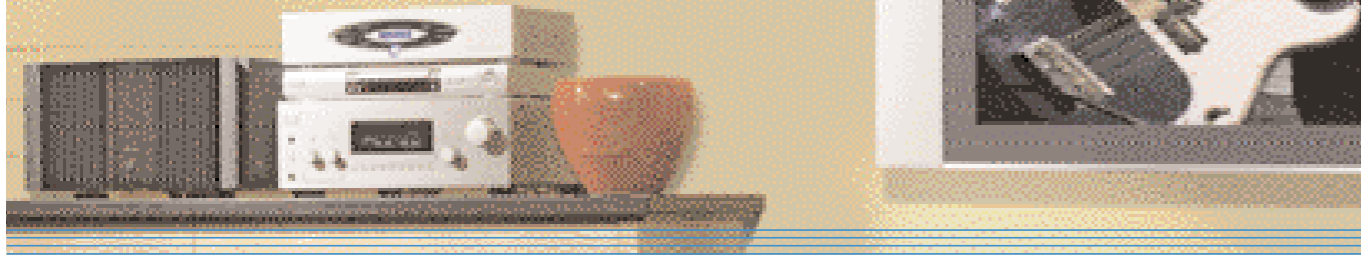


Solutions

End-to-end nonstop networking™

NEW! APC Audio-Video Solutions
Protect high performance AV systems
See page 38



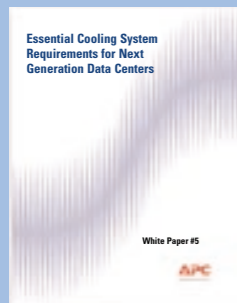
Inside...
Cooling Solutions p.10
Mobile Solutions p.34
AV Power Solutions p.38

Winter / Spring 2005

WHITE PAPERS

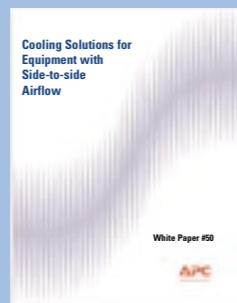
APC is committed to peer-to-peer information knowledge exchange. As part of this initiative, APC regularly publishes new additions to our comprehensive white paper library. To download, visit <http://promo.apc.com> and enter keycode xXXXx. Other APC White papers are also available.

Essential Cooling System Requirements for Next Generation Data Centers



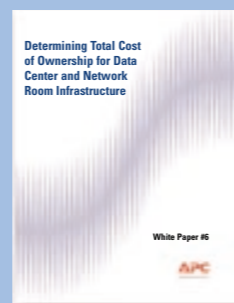
WHITE PAPER #5 (WP-5)

Cooling Solutions for Equipment with Side-to-side Airflow



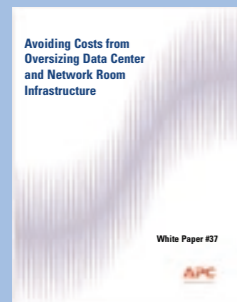
WHITE PAPER #50 (WP-50)

Determining Total Cost of Ownership for Data Center and Network Room Infrastructure



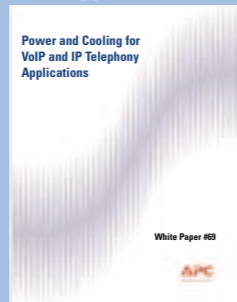
WHITE PAPER #6 (WP-6)

Avoiding Costs from Oversizing Data Center and Network Room Infrastructure



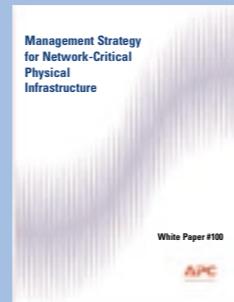
WHITE PAPER #37 (WP-37)

Power and Cooling for VoIP and IP Telephony Applications



WHITE PAPER #69 (WP-69)

Management Strategy for Network-Critical Physical Infrastructure



WHITE PAPER #100 (WP-100)

Solutions keycode: y372y



APC's Manufacturing System is certified by ISO 9001 and ISO 14001 Standards.
For more information call:
Tel: 800 800 4APC - US & Canada
Tel: 401 789 0204 - World wide

APC Corporate
APC North America
132 Fairgrounds Road
West Kingston, RI
02892 USA
Call: 800 800 4APC
Fax: 401 789 3710

APC Latin America
5301 Blue Lagoon Drive
Suite #610
Miami, FL 33126 USA
Call: 305 266 5005
Fax: 305 266 9695

APC Europe
APC Ireland
Ballybrit Business Park
Galway, Ireland
Call: +353 91 702000
Fax: +353 91 756909

APC Asia Pacific
APC Australia
Level 13 The Denison
65 Berry Street
North Sydney, NSW 2060
Call: +61 2 9955 9366
Fax: +61 2 9955 2844

Visit: www.apc.com
E-mail: apcinfo@apc.com
Web Support: support.apc.com



Data Centers ON DEMAND

Introducing standardized, customizable, and mobile solutions

- Designing a new data center?
- Consolidating servers?
- Need help with network-critical physical infrastructure?



see p. 8



Global leader in power availability solutions

Since 1981, APC has been a global leader in power availability solutions, setting the industry standard for quality, innovation, and support. From its corporate headquarters in West Kingston, Rhode Island, APC operates sales offices throughout the world and manufacturing facilities on four continents.

Over 15 million satisfied customers worldwide depend on APC's Legendary Reliability™. Propelled by real-world experience and a drive towards technological innovation, APC has the experience, scale, global presence, and stability to respond to emerging IT availability needs.

As the recipient of hundreds of awards worldwide, APC is recognized for excellence in both its business and product performance.

Every year since 1999, APC has been named to the Forbes Platinum 400 list of the Best Big Companies in America. For 11 years in a row, APC has received the Channel Champion award in the UPS category.



"Doing business with APC provides you with the best of both worlds, a trusted global partner to protect the productivity of your network end-to-end, and robust research and development investments to ensure state-of-the-art solutions as your networking requirements evolve."

Rodger B. Dowdell, Jr.
 CEO, American Power Conversion Corporation

It's easy to shop APC!



Call 1-888-289-APCC x3320

Whether you are ready to purchase or looking for more information, our knowledgeable sales representatives are here to help. We are available to answer your calls Monday through Friday, from 8 A.M. to 8 P.M. eastern standard time.



Visit solutions.apc.com

Not only will you find a wealth of information on our easy-to-use Web site, such as sizing guides and online configurators, you can also conveniently and quickly purchase the APC solutions of your choice.

Need help choosing?

APC has hundreds of products and features from which to choose. Easily find and customize the APC solution that's right for you using one of our online solution finders. Go to www.apc.com and select a solution finder for power protection, rack configuration, mobile accessories, and more!



On the cover

InfraStruXure™
 On-demand architecture for network-critical physical infrastructure

"We selected APC to equip and protect the Microsoft Technology Center because of their world-class data center infrastructure and design expertise."

Lewis Herrington
 Lab Manager
 Microsoft Worldwide Enterprise Partner Group



Table of Contents

InfraStruXure™ On-demand architecture for network-critical physical infrastructure	2	Data Center, Facility, and Industrial UPS Complete power protection for data centers and facilities	24
Rack Systems Enclosures, open frame racks, accessories	6	Server and Network UPS Power protection for servers and voice and data networks	26
Cooling Solutions Cooling for the IT Environment	10	PC and Workstation UPS Protecting home, home office, and business computers	30
Management Management tools to remotely monitor and control, easily and economically	14	Surge Protection Surge protection, TVSS, and line conditioning products	32
Global Services Supplement your power protection solution with comprehensive, end-to-end service and support	16	Mobile Computing Productivity solutions for the mobile professional	34
Power Distribution (PDU) InfraStruXure™ and rack-mount PDUs	18	Connectivity Solutions Cables, network accessories and server access products	36
APC Solutions Diagrams Solutions for business networks and home networks	20	Audio/Video Solutions Engineered power solutions for the ultimate audio-video experience	38
Broadband Power Solutions	23	Why Buy From APC	40
		Terms and Conditions	41

Featured Solutions

p. 6
NetShelter® VX
 Starting at **\$1,650***

For more Rack Solutions, see pages 6-9



p. 25
Symmetra® LX
 Starting at **\$8,450**

For more UPSs for Servers and Networks, see pages 26-29



p. 35
TravelPower™ Case
 Starting at **\$129.99***

For more Solutions for Mobile Computing, see pages 34-37



p. 39
AV H Type Power Conditioner
 Starting at **\$299.99***

For more Solutions for Audio Video equipment, see pages 38-39



*Prices subject to change and do not include shipping. See page 41 for complete terms and conditions.



Howard Rubin
Director, IS Technical
Services (right)
Henry Mota
Network Analyst (left)
Care New England



On demand

architecture for network-critical physical infrastructure

APC's InfraStruXure™ is on-demand architecture for network-critical physical infrastructure (NCPI). The InfraStruXure design integrates power, cooling, rack, management, and services using standardized, modular components. InfraStruXure is available in packaged, customized, or mobile systems.

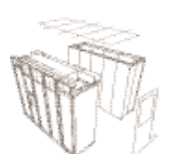
InfraStruXure easily scales to meet the changing needs of IT environments, from wiring closets and computer rooms to data centers. Its award-winning, patent-pending approach to data centers on demand:

- increases availability
- improves adaptability
- speeds deployment
- lowers total cost of ownership

InfraStruXure includes InfraStruXure Manager, a browser-accessible, user-friendly tool for monitoring power, cooling, and environmental conditions at the rack or room level. APC Global Services optimize the NCPI throughout the complete data center life cycle.



InfraStruXure
Packaged System



InfraStruXure
Customized System



InfraStruXure
Mobile System

Order online at APC's Store:

 solutions.apc.com

If you don't see the InfraStruXure™ solution that meets your needs, visit us online at solutions.apc.com or 1-888-289-APCC x 3320.

InfraStruXure™ Packaged System for Small Data Centers



N+1
High density
80kW
8 racks

- ISXT280HD8R**
- Complete, pre-configured multi-rack InfraStruXure™ solution
 - Includes power, cooling, racks, management, and services
 - (8) usable IT racks
 - Up to 10kW average density per rack, hot-aisle containment upgrades available
 - Output power capacity of 80kW, N+1

Starting at **\$399,999**

InfraStruXure™ Packaged System for Medium Data Centers



N+1
Medium density
80kW
40 racks

- ISXT280MD40R**
- Complete, pre-configured multi-rack InfraStruXure™ solution
 - Includes power, cooling, racks, management, and services
 - (40) usable IT racks
 - Up to 5kW average density per rack, high density upgrades available
 - Output power capacity of 80kW, N+1

Starting at **\$699,999**

InfraStruXure™ Mobile System for Data Centers

- INFRASTRUXURE EXPRESS**
- Complete, pre-configured mobile InfraStruXure™ solution
 - Includes power, cooling, racks, management, and services
 - (12) usable IT racks
 - Up to 5kW average density per rack, high density upgrades available
 - Output power capacity of 80kW, N+1

Starting at **\$1,499,999***

*Cab not included

(2) N+1
12 racks



See p. 8 for details.

InfraStruXure™ Packaged System for Wiring Closets



1.5kW output capacity

ISXCR1SU1KP1

- Complete, pre-configured single-rack InfraStruXure™ solution
- Includes power, rack, network management, cable management, blanking panels, network cable troughs, and rack-mount power distribution
- Expansion rack systems are available to create multi-rack configurations
- Output power capacity of 1.5kW
- Next-day delivery*
- Ships fully assembled

Starting at **\$2,550**

*Delivery times may vary



“As IT Director, my imperative was to find a watertight solution that would protect our communications infrastructure by guaranteeing uninterrupted power.

“With InfraStruXure™, I know that no matter what happens, power flow won't be interrupted. I don't waste time wondering about how many circuits I need to set aside for the panel, or if I need a circuit breaker in the panel. I know **InfraStruXure** is running behind the scenes, protecting my equipment, my company, and allowing us to communicate with our customers.”

—Markus M. Hill
Director of Technology and Information Services
Brayton International

InfraStruXure™ Packaged System for Computer Rooms



16kW output capacity

ISXCR1SY12K16P5

- Complete, pre-configured single-rack InfraStruXure™ solution
- Includes power, rack, network management, cable management, blanking panels, network cable troughs, and rack-mount power distribution
- Expansion rack systems are available to create multi-rack configurations
- Output power capacity of 16kW
- Next-day delivery*
- Ships fully assembled

*Delivery times may vary

Starting at **\$12,100**

5 EASY STEPS TO BUILD YOUR INFRASTRUXURE™

The InfraStruXure™ BuildOut Tool lets you design and specify InfraStruXure solutions using a Web-based configurator.

Benefit now from configure-to-order systems, speed of design, and the fact that you can configure your solution yourself.

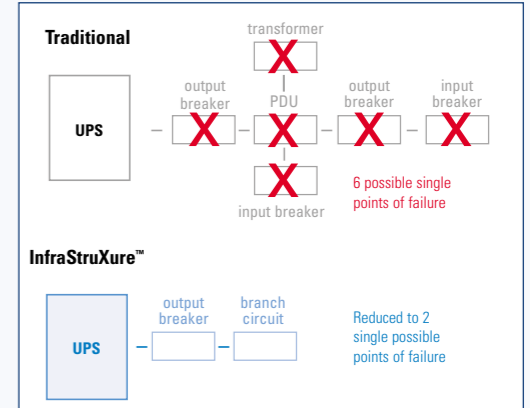
To learn more about InfraStruXure and the BuildOut Tool, visit us at www.infrastruxure.com



INFRASTRUXURE™ MEETS THE 3 KEY CONSIDERATIONS OF A STRONG NETWORK-CRITICAL PHYSICAL INFRASTRUCTURE (NCPI)

1 INCREASE THE AVAILABILITY AND RELIABILITY OF IT SYSTEMS

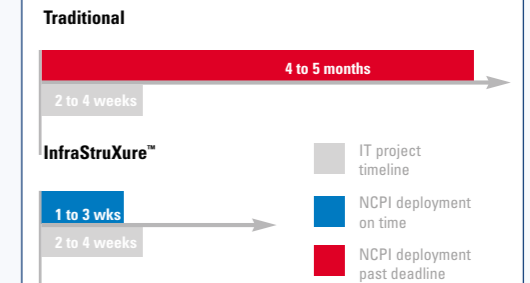
- Highest cooling density available (up to 20kW of cooling per rack)
- Increases runtime from minutes to days
- Redundant design of system eliminates single points of failure
- Factory pre-tested system reduces downtime
- Hot swappable modules lower mean-time-to-recovery
- Proactive management identifies potential problems before they occur
- Locking enclosures provide enhanced security



2 ADAPT QUICKLY TO CHANGING ENVIRONMENTS AND TECHNOLOGIES

- Rack-based modular approach allows system to be easily moved
- Scalable design accommodates changing power densities
- Power distribution system accommodates changing power densities, voltages, and receptacle types
- Vendor-neutral enclosures guarantee compatibility with major IT vendors
- Pre-configured systems
- Web-based configuration tool simplifies design process
- Configure-to-order approach accelerates installation
- Integrated pre-engineered system eliminates need for on-site system test
- Rack-based, standardized modules facilitate quick installation

InfraStruXure™ Increases Speed of Deployment

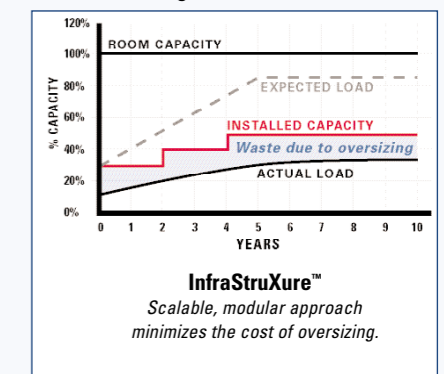
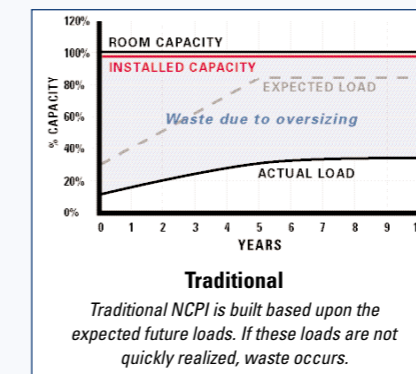


The InfraStruXure™ approach includes a revolutionary on-line design and modular system components that dramatically increase the speed of deployment. Now NCPI deployment can keep pace with the deployment of new IT projects.

3 MINIMIZE UPFRONT AND OPERATING COSTS

- On-demand design prevents oversizing and lowers cost
- Standardized modules minimize one-time engineering costs
- Built-in redundancy eliminates need to buy second UPS
- Integrated cabling and cooling eliminates need for raised floor

InfraStruXure™ Decreases Waste Due to Oversizing





Starting at \$1,149

NetShelter® VX 600mm wide 42U Enclosure

AR2100BLK

- Maximum height - 81.50 in
- Maximum width - 23.50 in
- Maximum depth - 42.20 in
- Weight capacity (dynamic load) - 2,000 lbs

600 mm wide, 42U



X-CERTIFIED

Every product carrying this mark has been tested and certified for use with InfraStruXure architecture. Before you buy, check for the "X" to guarantee product compatibility.



See p. 8 for details.

Racks

enclosures, open frame racks, and accessories

APC NetShelter® rack systems provide the most progressive feature set available in a vendor-neutral rack environment, providing the flexibility to quickly adapt to emerging trends.

Available in a variety of heights, widths, and depths, NetShelter racks and enclosures support applications

ranging from branch offices and wiring closets to enterprise-level data centers.

An extensive line of leading-edge power distribution, cooling, and cable management accessories protect all the critical components of an IT environment.

NetShelter® VX
advanced cable management, cooling, power distribution

NetShelter® VS
advanced cooling and security

Starting at \$1,389

NetShelter® VX 750mm Wide 42U Enclosure



AR2310BLK

- Maximum height - 81.50 in
- Maximum width - 29.50 in
- Maximum depth - 42.20 in
- Weight capacity (dynamic load) - 2,000 lbs

Starting at \$1,650

NetShelter® VX 750mm Wide 42U Networking Enclosure

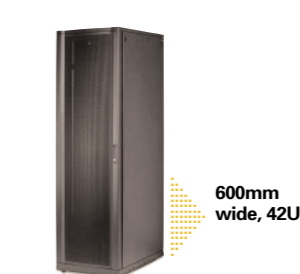


AR2312BLK

- Maximum height - 81.50 in
- Maximum width - 29.50 in
- Maximum depth - 42.20 in
- Weight capacity (dynamic load) - 1,000 lbs

Starting at \$1,149

NetShelter® VS 42U Enclosure



AR2800BLK

- Maximum height - 81.50 in
- Maximum width - 23.50 in
- Maximum depth - 35.50 in
- Weight capacity (dynamic load) - 2,000 lbs

Starting at \$989

NetShelter® VS 25U Enclosure



AR2805BLK

- Maximum height - 51.70 in
- Maximum width - 23.50 in
- Maximum depth - 35.50 in
- Weight capacity (dynamic load) - 2,000 lbs

NETSHELTER® VX AND NETSHELTER® VS ENCLOSURES

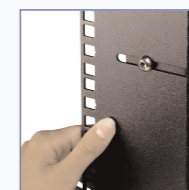
Advanced features for added compatibility, convenience, safety, protection, and serviceability



Easily expanded upon to create complete rows of enclosures



Quick release doors



Numbered U positions



Adjustable mounting depth



Split rear doors

FITS LIKE A GLOVE

APC is committed to ensuring that your rack-mount equipment will fit into NetShelter VX enclosures. APC guarantees that all 19" EIA-310-D compliant equipment will physically fit into NetShelter VX enclosures with the mounting hardware provided by the original equipment manufacturer (OEM), APC, a third party vendor, or any combination thereof or your money back.



Order online at APC's Store:

solutions.apc.com



Or order by phone:

1-888-289-APCC x3320

If you don't see the rack or enclosure solution that meets your needs, visit us online at solutions.apc.com or 1-888-289-APCC x 3320.

NetShelter® WX



Wall-mount Glass front door



Wall-mount Vented front door

AR100

- Enclosures for the IT networking environment
- 13U height, threaded hole, vertical mounting
- Maximum height - 25.75 in
- Maximum width - 23.00 in
- Maximum depth - 24.50 in
- Weight capacity - 100 lbs

Starting at **\$419**

AR100HD

- Enclosures for the IT networking environment
- 13U height, threaded hole, vertical mounting
- Maximum height - 25.75 in
- Maximum width - 23.00 in
- Maximum depth - 24.50 in
- Weight capacity - 100 lbs

Starting at **\$419**



“The NetShelter® VX

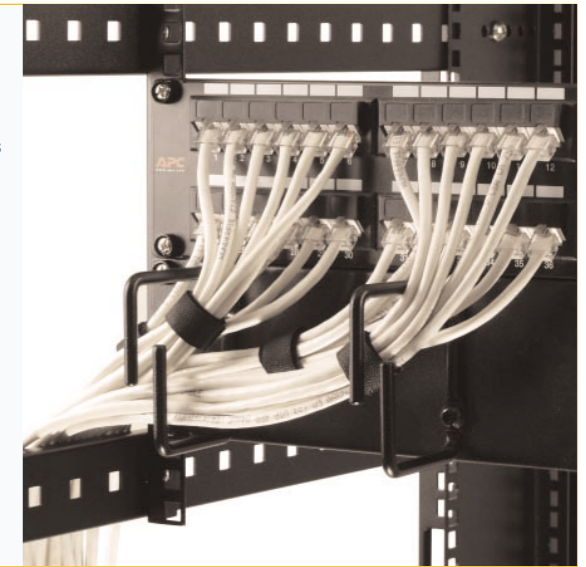
addresses the issue of server density. Superior cable management makes it possible to install more server power per rack...the racks can accommodate all brands of servers, so an investment is preserved if you decide to move from one brand of server to another.”

—Todd Crystal, Team Manager
 Edward Ortenberg, President
 Spencomp Technologies, Inc

CABLE MANAGEMENT

As the number of IT components within each rack enclosure continues to increase, so do the number of power and data cables. Traditional overhead cable trays and under-floor cabling systems limit flexibility and adaptability. Under-floor plenum material is costly and resource-intensive to install, and under-floor branch circuits can negatively affect air distribution.

APC has responded with a comprehensive selection of optional components that allows you to pick the ideal cable management solution for your IT environment. Accessories such as shielded power cable troughs and data partitions create self-contained cabling, eliminating the need to use space under a raised floor and permitting better organization in non-raised floor environments. ■



NetShelter® 2- and 4-post Open Frame Racks



2-post Open Frame Rack



4-post Open Frame Rack with Square Holes

AR201

- Maximum height - 83.50 in
- Maximum width - 20.20 in
- Maximum depth - 14.80 in
- Weight capacity (static load) - 750 lbs

Starting at **\$139**



AR203

- Advanced power distribution and cable management
- Maximum height - 80.90 in
- Maximum width - 20.60 in
- Maximum depth - 29.50 in
- Weight capacity (static load) - 1,000 lbs

Starting at **\$459**



BLADE-READY SOLUTIONS



The arrival of blade servers has changed the rules of data center design, with advanced power distribution and heat removal becoming the new standard. APC has stationary and rack-mounted power distribution units that can handle the larger loads blade server applications require. To address the cooling challenges created by blade servers, APC has rack-based air distribution and removal units, as well as hot-aisle containment systems. APC works with you to determine your requirements and integrate the rack, cooling, and power distribution solution to meet your specific needs.

1U and 2U Horizontal Cable Organizer



AR8425A, AR8426A

- Facilitates front cable management
- Integrated front cable hoops
- Occupies 1U or 2U of rack space
- Includes installation guide and mounting hardware

Starting at **\$29**



Cable Management Rings



AR8113A

- Facilitates side/vertical cable management
- Organizes data and power cables
- Includes mounting hardware and Velcro mounting straps

Starting at **\$44.99**



Vertical Cable Organizer



AR8442

- For NetShelter® VX channel
- Expanded cable management
- Facilitates rear/vertical cable management
- Occupies zero U of rack space
- Organizes data and power cables
- Toolless mounting

Starting at **\$119**



APC 17" Rack-mount Keyboard, Monitor, and Mouse

AP5017

- 1U rack-mountable integrated LCD, keyboard, and mouse
- Includes cable management arm and rack-mounting brackets

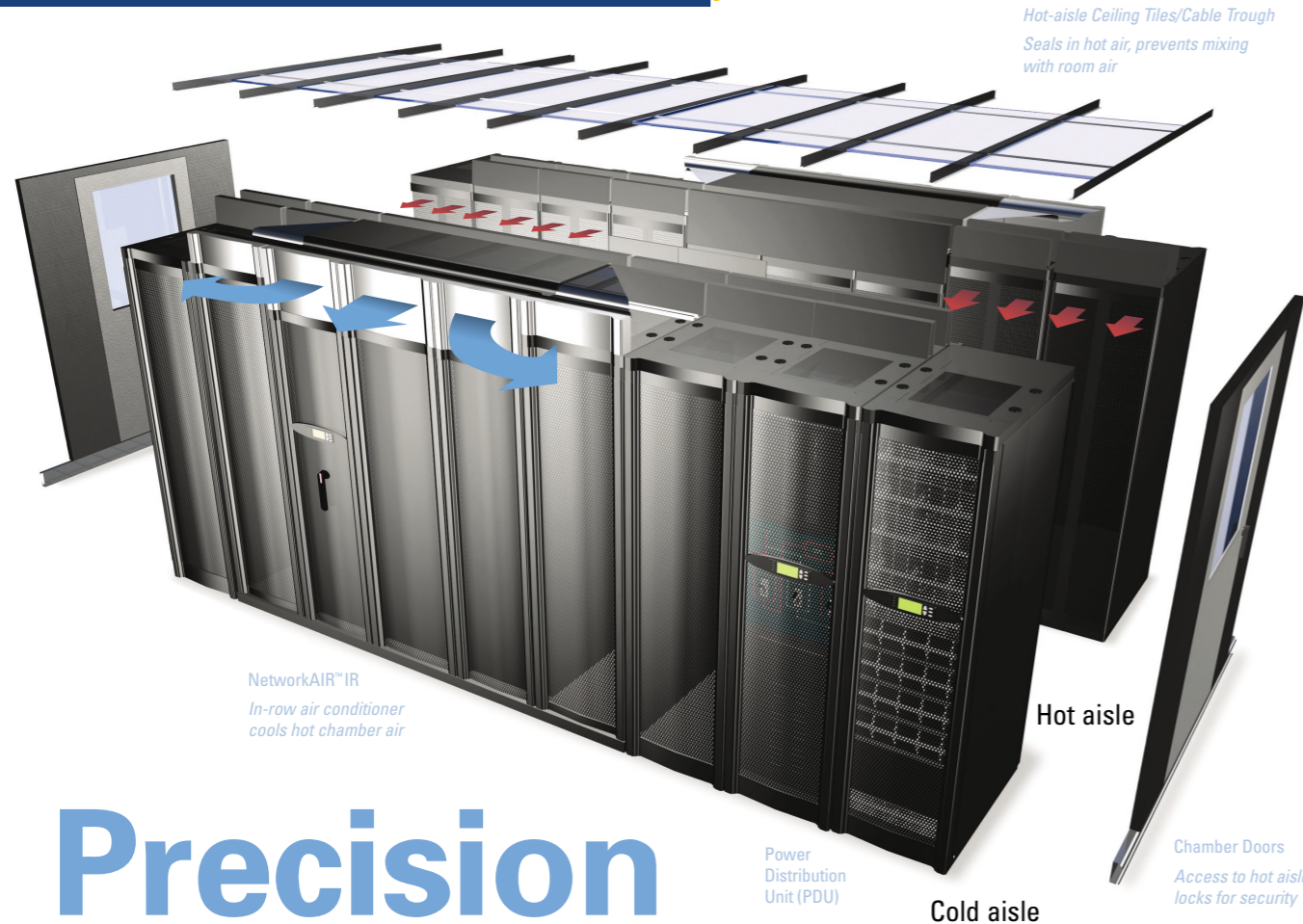
Call for pricing



RACK CONFIGURATOR TOOL

Try out APC's new Rack Configurator page. The Web-based Rack Configurator allows you to create a rack environment with a high level of availability by helping you more effectively plan the integration of servers, storage devices, networking equipment, and APC products. Go to www.apc.com/products, select Rack Systems, then click on the Rack Configurator link.

Order online at APC's Store:
solutions.apc.com



Precision Cooling

air distribution and hot-aisle containment

Ensuring the proper environment for IT systems is essential to maintaining high availability. Regardless of application, IT equipment produces heat that can be damaging to both uptime and the longevity of your investment.

Data center cooling has become increasingly unpredictable due to the use of blade servers and other high-density equipment. APC promotes in-row cooling, where the cooling unit is moved closer to the source of heat generation,

and containing the hot aisles of the data centers to address this challenge.

APC cooling solutions are tailored to meet the needs of your environments, from wiring closets and computer rooms to data centers of all sizes. Scalable solutions, including air distribution/fans, portables, and precision cooling systems, are available to provide the right solution to meet the unique cooling requirements your environment demands.

Order online at APC's Store:

solutions.apc.com



Or order by phone:
 1-888-289-APCC x3320

If you don't see the cooling solution that meets your needs, visit us online at solutions.apc.com or 1-888-289-APCC x 3320.

Hot-aisle Containment System*



Patent pending

- Hot-aisle containment for high-density configurations
- Cable access brush strip blocks air from escaping through holes surrounding cabling
- Ceiling tiles close off the top of the hot aisle to prevent warm air from mixing with room air
- One-way locking door secures the hot aisle while allowing for quick exit in case of emergency
- Expansion kit expands the hot aisle by one rack space on both sides to accommodate growth

Starting at **\$399**



*Typical configuration pictured at left

NetworkAIR™ IR Series



Horizontal airflow for in-row operation

- In-row precision air conditioning for data centers and computer rooms
- Warmer return air temperature maximizes the capacity of the system for increased efficiency
- Intelligent, proactive control, and real-time monitoring; master microprocessor provides high level control functionality
- Full service, front access for routine servicing of components; narrow footprint allows for side-by-side placement

Starting at **\$29,800**



NetworkAIR™ FM Series



Variable speed direct drive technology

FM35-50

- Modular floor mount precision air conditioning for environmentally sensitive equipment areas
- Cooling capacity options - 10, 12, 15 tons; 35, 40, 50 kW
- Cooling options - air, water, glycol, economizer, multicool
- Humidification value - 10 pounds/hour
- Standard warranty - 1 year parts, optional extended warranties available

Call for pricing*

NetworkAIR™ AFX



For environmentally sensitive equipment areas

AFX

- Floor-mount precision air conditioning
- Cooling capacity options - 6, 8, 10, 12, 14, 18, 20, 26, 28 tons; 20, 27, 34, 41, 48, 62, 70, 90, 98 kW
- Cooling options - air, water, glycol
- Humidification value - 10, 20 lbs/hour
- Standard warranty - 1 year parts

Call for pricing*

*units are assembled-to-order

NetworkAIR™ PA



Portable cooling for IT applications



ACPA4000

- Portable, self-contained air conditioning solutions for small rooms and data closets
- 4kW 120V 60Hz
- Cooling capacity options - 3.90 kW, 13,306 BTUs
- Air Flow - 600.00 CFM
- Automatic restart
- Reduce downtime

Starting at **\$4,225**



NetworkAIR™ CM



Mounts above the ceiling

CM-DX, CM-CW

- Ceiling-mount precision air conditioning
- Cooling capacity options - 1, 1.5, 2, 3, 4, 5 tons; 3, 5, 7, 10, 14, 17 kW
- Cooling options - air, water, glycol, chilled water
- Humidification value - 5 lbs/hour
- Standard warranty - 1 year parts

Call for pricing*

NetworkAIR™ CW



Controls temperature and humidity using chilled water

CCT-CW

- Floor mount precision air conditioning using chilled water
- Cooling capacity options - 6, 8, 12, 15, 20, 25, 30, 35, 40, 50, 60 tons; 20, 27, 41, 50, 70, 87, 105, 123, 140, 175, 210 kW
- Cooling options - chilled water
- Humidification value - 5, 17 lbs/hour
- Standard warranty - 1 year parts

Call for pricing*

Rack Air Removal Unit



Heat removal for high density enclosures

ACF101BLK*

- 120V 60Hz
- Dual A-B power inputs
- Ducted exhaust system
- Power or temperature controlled fans
- Redundant fans
- Zero U solution

Starting at **\$2,475**

*Rack not included



"We decided to purchase the APC NetworkAIR™ to handle our precision air requirements. The NetworkAIR units are high quality. Compared to some of APC's precision air competitors, the APC NetworkAIR costs less and has a much faster delivery time. In addition, it was much easier for us to deal with one vendor to integrate the data center solution and we felt we would get better support from APC."

"We figure that our consolidation project has contributed significantly to our cost reduction efforts. APC InfraStruXure™ and NetworkAIR are key components which have helped us to realize these savings."

Evan Stewart, CIO
Sam Villegas,
Partner Relations,
BE Aerospace

Rack Side Air Distribution Unit



Air distribution with side-to-side airflow

ACF201BLK

- 120V 60Hz
- Adjustable design
- Dual A-B power inputs
- Improves air circulation
- Minimizes air mixing

Starting at **\$559**



Rack Air Distribution Unit



Distributes conditioned air directly into the enclosure

ACF001

- 120V 60Hz
- Air distribution for power dense enclosures and low pressure areas
- Adjustable design
- Air filtration
- Dual A-B power inputs
- Improves air circulation
- Minimizes air mixing
- Promotes proper airflow

Starting at **\$729**

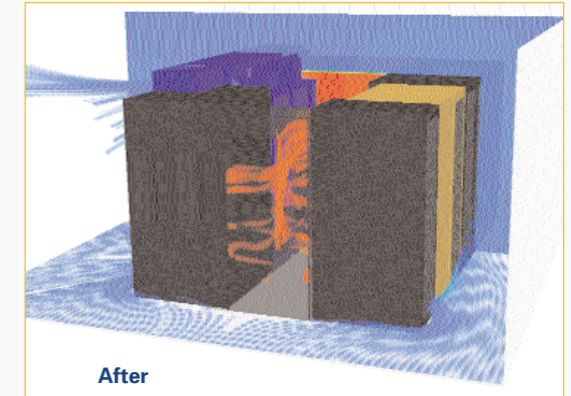
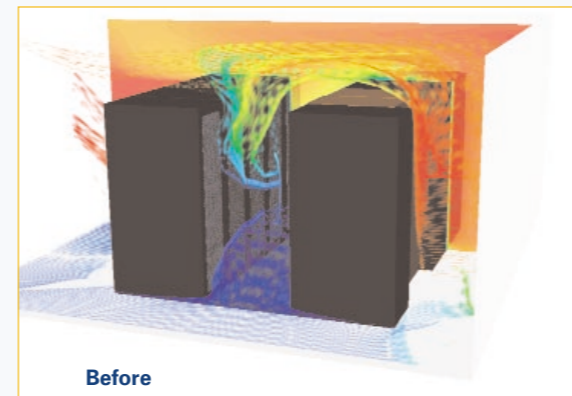


TRADITIONAL COOLING METHODS VS. APC'S INNOVATIVE SELF-CONTAINED COOLING

These simulations show IT enclosures in a data center environment, arranged in a hot aisle/cold aisle format, where rack fronts face other rack fronts, and rack backs face other rack backs.

Before: Using traditional cooling methods, the heat generated in IT racks circulates throughout the room. This results in the mixing of hot and cold air, preventing efficient cooling of high-density areas.

After: Innovative InfraStruXure™ technology utilizes a self-contained cooling system that doesn't require cooling of the entire room. This technology neutralizes hot air where it is created, resulting in the ability to cool up to 20kW in any rack.



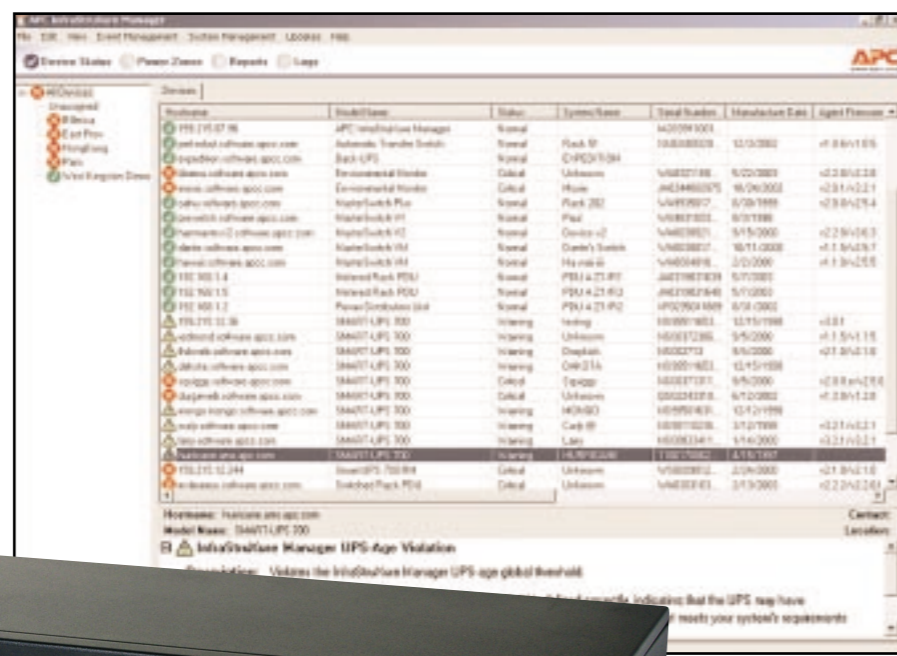
Order online at APC's Store:

solutions.apc.com



"With **InfraStruXure™ Manager**, we can remotely monitor the PDU, UPS and the power strips in the racks that support the servers, all from a Web interface. We receive automatic e-mail alerts, which allows us to address problems before they impact our systems and our users. Since our IT staff is stretched rather thin, it's nice to have the ability to fix problems without having to dispatch personnel to physically gather the monitoring data."

*Hunter McFadden,
Senior Network Engineer
Glenwood Regional
Medical Center*



Management

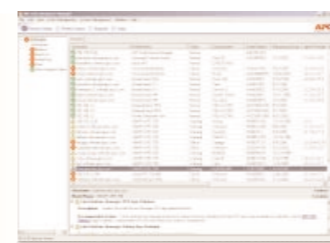
proactive tools for monitoring and control

Whether managing a single device or multiple device types, APC Management Solutions are easy to use, quick to deploy, and easy to maintain. Working together and independently, they allow the user to monitor devices locally over existing IT networks or via Web browser. Alerting the administrator of changes and potential threats helps to maintain high uptime and system availability. APC applies extensive knowledge of

both network and building management systems to the development and implementation of management tools providing you with innovative reliability solutions.

These solutions increase availability by allowing the user to remotely monitor and easily control the power, rack, and cooling on which your IT environment depends.

InfraStruXure™ Manager

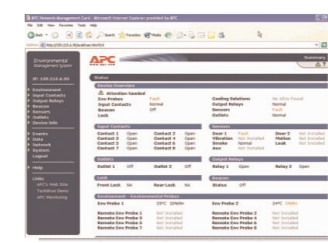


- AP9420**
- Centralized management of your APC network-critical physical infrastructure
 - Centralized management console
 - Multi-device support
 - Fault notification
 - Network management integration
 - Building management integration

Starting at **\$1650**



Environmental Management System

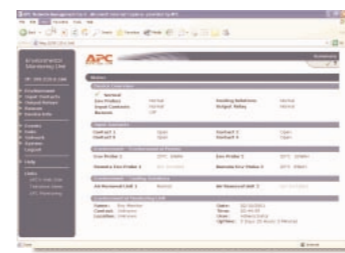


- AP9320**
- Networked appliance enables management of a wide range of access and environmental conditions
 - Network management integration
 - Browser accessible
 - Temperature monitoring
 - Humidity monitoring
 - Optional sensors
 - Fault notification

Starting at **\$909**



Environmental Monitoring Unit



- AP9319**
- Networked appliance enables monitoring of environmental conditions
 - Network management integration
 - Browser accessible
 - Temperature monitoring
 - Humidity monitoring
 - Fault notification

Starting at **\$279**



Battery Management System



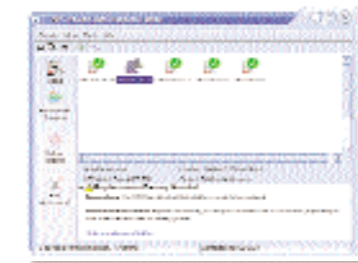
- AP9920X**
- Smart charging and remote battery management for stationary batteries in data centers and facilities
 - Individual battery charging
 - Individual battery monitoring
 - Battery fault detection
 - Fault notification
 - Building management system integration

Starting at **\$5,600**

PowerChute® Business Edition

- AP9411**
- UPS management and safe system shutdown for servers and workstations
 - Operating system shutdown
 - Manage multiple Smart-UPS®
 - Recommended actions
 - Fault notification
 - Network management integration

Starting at **\$279**



Order online at APC's Store:
solutions.apc.com

Or order by phone:
1-888-289-APCC x3320

Visit testdrive.apc.com now to demo APC's management solutions.

Read more about these and other management solutions online at www.apc.com/products.



Service and support

for the life cycle of your investment

Dedicated to creating systems that are easy to manage, APC designs products to be self-serviceable. Sometimes, a problem occurs that requires extra resources, expertise, and tools. This is where APC Global Services (AGS) comes in. Building upon APC's advanced product engineering and predictive management software, APC Global Services pre-

vents problems throughout the life cycle of the data center, with services such as planning and installation, remote monitoring, and preventative maintenance. Staying a step ahead of industry trends and requirements, APC Global Services supports your investment from the time of product purchase throughout the life of the hardware.

Order online at APC's Store:

 solutions.apc.com

If you don't see the service that meets your needs, let the Service Selector help you choose. Go to www.apc.com/sizing/selectors to select one of our world-class service offerings for your APC product.

Network Integration Services

- The assistance you need to transition from your existing solution to your new APC solution
- 8X5 service scheduling
- 24X7 Upgrade option
- APC accessory and software installation service
- APC certified software engineer
- Customized solutions proposals
- Labor and travel expenses included

Starting at **\$3040 per day**

Server Migration and Cable Management

- 8X5 telephone technical support
- 24X7 Upgrade option
- APC supplied power cables
- Customized solutions proposals
- Industry experienced project professionals
- Labor and travel expenses included

Starting at **\$220 per network device**

Needs Assessment Services

- A site survey that supplies you with the information necessary to design your facilities for optimal performance
- CAD drawings
- Customized report
- Customized solutions proposals
- Photographic documentation
- Labor and travel expenses included

Starting at **\$3,975 per day**

Project Management

- A service designed to help you complete your projects on time and within budget
- 8X5 service scheduling
- Industry experienced project professionals
- Logistics coordination
- Project coordination
- Single point of contact
- Labor and travel expenses included

Call for pricing

IT Environment	Range	"Price" Solution	"Value" Solution	"Performance" Solution
Business WorkStation/ Desktop	0 - 500W	Factory Warranty	1 Year Extended Warranty	3 Year Extended Warranty
Server Rack, Closet, Room (from 1 - 3 Racks)	500 - 3000W	Assembly, Start Up	Assembly, Start Up, Extended Warranty	Assembly, Start Up, Onsite
Computer Rooms (from 1 - 5 Racks)	3kW - 9.9kW	Assembly, Start Up	Assembly, Start Up, Onsite	Assembly, Start Up, Network Integration, Onsite, PM
Small Data Center (from 5 - 20 Racks)	10kW - 20kW	Assembly, Start Up	Assembly, Start Up, Onsite	Assembly, Start Up, Network Integration, Onsite
Small Data Center (from 5 - 20 Racks)	20kW - 40kW	Assembly, Start Up	Assembly, Start Up, Onsite, PM, Remote Monitoring	Assembly, Start Up, Onsite, PM, Network Integration, Remote Monitoring, Battery Refresh
Medium Data Center (from 20 - 100 Racks)	40kW - 80kW	Assembly, Start Up, Onsite, Preventative Maintenance (PM), Remote Monitoring	Assembly, Start Up, Network Integration, Onsite, PM, Remote Monitoring	Assembly, Start Up, Project Management, Network Integration, Onsite, PM, Remote Monitoring, Battery Refresh, Thermography Service
Medium Data Center (from 20 - 100 Racks)	80kW - 200kW	Assembly, Start Up, Onsite, PM, Remote Monitoring	Assembly, Start Up, Network Integration, Onsite, PM, Remote Monitoring	Assembly, Start Up, Project Management, Network Integration, Onsite, PM, Remote Monitoring, Battery Refresh, Thermography Services
Large Data Center (> 100 Racks)	200kW +	Assembly, Start Up, Onsite, PM, Remote Monitoring	Assembly, Start Up, Management, Network Integration, Onsite, PM, Remote Monitoring	Design Services, Assembly, Start Up, Project Management, Network Integration, Onsite, PM, Remote Monitoring, Battery Refresh, Thermography Services

"APC service is head and shoulders above what we have experienced from APC's leading competitors. I am extremely pleased with APC's installation, setup, and ongoing maintenance support. A power module failed in our **Symmetra**® and APC shipped us a new unit overnight. Technical support then walked us through the replacement. Only APC can provide the peace of mind we require.

Sal DeAugustino
IT Manager
Maharam
Hauppauge, NY



Starting at \$839

Switched Rack PDU

- AP7961**
- 5.7kW, 208V
 - Maximum total current draw per phase - 16
 - Output connections - IEC 320 & IEC 320 C19
 - Input connection type- NEMA L21-20P
 - Load capacity - 5,700VA
 - Zero U, toolless mounting

**(24) 5-20 outlets
208V 5.7kW**

- Switched Rack Power Distribution**
remote control and monitoring of aggregate power consumption
- Starting at \$699** **Starting at \$699**

**(24) 5-20 outlets
208V**

- 20A, 208V
- Maximum total current draw per phase - 20
- Output connections - IEC 320 & IEC 320 C19
- Input connection type- NEMA L6-20P
- Load capacity - 4,160VA
- Zero U, toolless mounting

**(24) 5-20 outlets
120V**

- 20A, 120V
- Maximum total current draw per phase - 20
- Output connections - NEMA 5-20R
- Input connection type- NEMA L5-20P
- Load capacity - 2,400VA
- Zero U, toolless mounting

- Metered Rack Power Distribution**
monitors aggregate power consumption
- Starting at \$419** **Starting at \$419** **Starting at \$349**

**(36) C13 &
(6) C19 outlets**

- 208V, 6.7kw
- Maximum total current draw per phase - 16
- Output connections - (36) IEC 320 C13 & (6) IEC 320 C19
- Input connection type- NEMA L21-20P
- Load capacity - 5,700VA
- Zero U, toolless mounting

(42) 5-20 outlets

- 20A, 120V, 5.7kw
- Maximum total current draw per phase - 20
- Output connections - NEMA 5-20R
- Input connection type- NEMA L5-20P
- Load capacity - 2,400VA
- Zero U, toolless mounting

(24) 5-20 outlets

- 20A, 120V, 5.7kw
- Maximum total current draw per phase - 20
- Output connections - NEMA 5-20R
- Input connection type- NEMA L5-20P
- Load capacity - 2,400VA
- Zero U, toolless mounting

Power Distribution

comprehensive solutions for network-critical physical infrastructure

InfraStruXure™ Power Distribution Units



**40kW 208V/
480V W/ MBP**

PD40F6FK1-M

- Small footprint
- Local and Web-based monitoring
- High power density
- Top and bottom cable entry standard
- Input: 208V, 480V 3PH
- Output: 120V, 208V 3PH
- Output connections: NEMA L21-20, NEMA L6-30R

Call for pricing



**80kW 480V/
208V W/ MBP**

PD80G6FK1-M

- Small footprint
- Local and Web-based monitoring
- High power density
- Top and bottom cable entry standard
- Input: 208V, 480V 3PH
- Output: 120V, 208V 3PH
- Output connections: NEMA L21-20, NEMA L6-30R

Call for pricing

Order online at APC's Store:
solutions.apc.com

If you don't see the Power Distribution solution that meets your needs, visit us online at solutions.apc.com or 1-888-289-APCC x 3320.

APC Legendary Reliability
 Or order by phone:
 1-888-289-APCC x3320

To learn more about APC's InfraStruXure™ architecture, see page 2.



Solutions for Business Networks



Everything you need for a resilient, adaptable network-critical physical infrastructure (NCPI).

Server and Network UPS

High-performance power protection for your business-critical networks

pg 28

Wiring Closet and Computer Room Architecture

On-demand architecture for network-critical physical infrastructure

pg 4

Cooling Solutions

Innovative cooling solutions for any IT environment

pg 10

Small Data Center Architecture

On-demand architecture for network-critical physical infrastructure

pg 2

Racks, Enclosures and Accessories

Versatile rack enclosures and accessories for demanding IT environments

pg 6

Management

Manage and monitor systems and equipment performance easily and economically

pg 14

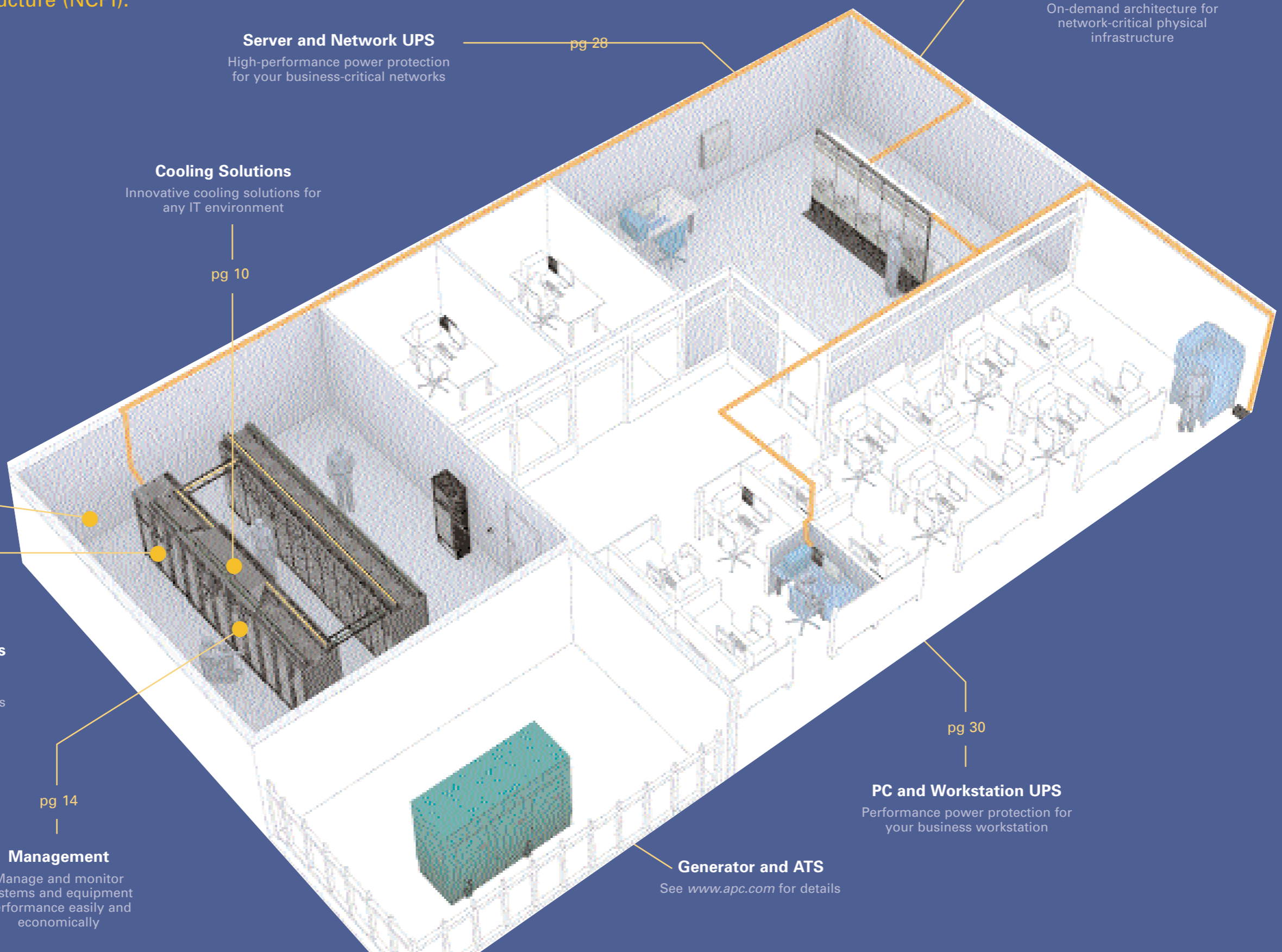
PC and Workstation UPS

Performance power protection for your business workstation

pg 30

Generator and ATS

See www.apc.com for details



Solutions for Home Networks

Battery backup and quality surge protection solutions for computers, home entertainment, security, and gaming systems.

Surge protection

Safeguard electronic equipment from everyday power events

pg 32

Audio-Video Protection

Engineered power solutions for high-end audio-video equipment

pg 38

Wireless networking

"Wireless" shouldn't mean "powerless"

pg 36

Mobile Computing

Make the right connection

pg 34

Dataline protection

Manage and protect home networking equipment

pg 33

Desktop power protection

Protect home and home office computers

pg 30

APC
Legendary Reliability

Broadband
Power
Systems

To order call 1-888-289-APCC x3320



Local powering solution

for fiber to the home, wireless local loop, VoIP, and VoDSL

As service providers offer services for telephony and data, reliable powering of the outside plant and customer premise is essential. Powering should be scalable, with low initial capital costs during new services ramp up. Since telephony and data demand a diligent proactive management and preventive maintenance strategy, all products are equipped with status monitoring signaling for the service provider.

PowerShield®

CP24U12NA3-F

- 48VDC, < 150W or 12VDC < 75W
- Local powering solution for cable telephony, wireless local loop, fiber to the home, VoIP, and VoDSL
- Input frequency - 47 - 70 Hz (auto sensing)
- Input connection type - IEC 320 C5
- Input voltage range for main operations - 87 - 264 V
- Standard warranty - 2 years repair or replace

Starting at **\$79.99**

"APC helps us meet our customers' high expectations

by providing us with a power protection architecture that is tightly integrated with our generator set.

"As a global e-business, we appreciate the reliability, quality and service we receive from APC products around the world."

Matt Boris
Manager—Computer
Operations
iBasis

Power protection

for data centers and facilities

As more and more industries move to the automated controlling of their processes, they require more sensitive equipment in their facilities. This increases the need for a stable, secure power supply to ensure production and business continuity.

APC has a solution set designed specifically for industrial applications such as manufacturing equipment, automation control, material and packaging handling, and various types of IP-based devices. Using proven industrial technology, APC solutions offer the high availability, quality, and manageability that these applications require.



The easiest UPS in its class to deploy, manage, maintain

Smart-UPS® VT 10 kVA

SUVT10KF2B2S

- 208V with 2 battery modules
- Output power capacity 10000VA / 8000 watts
- Interface port DB-9 RS-232, RJ-45 10 Base-T Ethernet for Web/SNMP/Telnet management
- Network management card with environmental monitor included
- Runtime at full/half load 18 min/35 min
- Start-Up 8x5 included
- Standard warranty 1 year including parts, labor, and travel. Optional on-site warranties available

Call for pricing

Symmetra® PX 40kVA



Redundant protection, scalable power and runtime



SY40K40F

- 208V
- Output power capacity 40,000VA / 40,000 watts
- Contact Closure, RJ-45 10 Base-T Ethernet for Web/SNMP/Telnet management, SmartSlot
- Network Management Card with Environmental Monitor included
- Runtime at full/half load 5 min/17 min
- Start-Up 24x7 included
- Standard warranty 2 year repair or replace (3 years with InfraStruXure™ solution)

Call for pricing

Silcon® 120kVA



Three-phase, on-line power protection

SL120KG + (1) SLB120K160G2

- For data centers, facilities, and high availability applications
- Output power capacity 120,000VA / 120,000 watts
- Interface port DB-25 RS-232, contact closure, parallel card, relay board, triple chassis for 3 SmartSlots
- Runtime at full/half load 8 min/22 min
- Standard warranty 1 year parts, labor, and travel with purchase of start-up. Optional on-site warranties available

Call for pricing

Symmetra® MW 1000kVA



The world's largest modular UPS

SY1000K1000G + SYMBP1000C1G12 + (3)SYB400K1000GXR-2C

- 1000kVA/kW 480V UPS
- Scalable power capacity reduces UPS oversizing costs
- Configurable for N+1 internal redundancy provides high availability
- Modular design for fast service and reduced maintenance requirements
- LCD display provides schematic overview of critical data
- Fully rated power: kVA equals kW. This reduces cost by eliminating the need for an oversized UPS for Power Factor Corrected (PFC) loads

Call for pricing



AIS3000



10,000VA/ 8,000 Watts

ISVT10KF2B2S

- 10kVA 208V
- Output power capacity 10,000VA / 8000 watts
- Interface port DB-9 RS-232, RJ-45 10 Base-T Ethernet for Web/SNMP/Telnet management
- Network management card with environmental monitor included
- NEMA 12 enclosure for harsh industrial environments
- Runtime at full/half load 18 min/35 min
- Standard warranty 1 year including parts, labor and travel. Optional on-site warranties available

Call for pricing

AIS5000



100,000VA/ 80,000 Watts

IS100KG

- 100kVA 480V
- Output power capacity 100000VA / 80000 watts
- Interface port DB-9 RS-232, RJ-45 10 Base-T Ethernet for Web/SNMP/Telnet management
- Network management card included
- External line-up and match battery solutions
- Standard warranty 1 year repair or replace. Optional on-site warranties available

Call for pricing

Order online at APC's Store:

solutions.apc.com

If you don't see the power solution that meets your needs, let APC's UPS Selector help you choose. Go to www.apc.com/sizing/selectors. Specify the equipment you need to protect or your entire power requirement and the UPS selector will recommend the right product for you.



Symmetra® LX
Starting at **\$8,450**

Smart-UPS® RT
Starting at **\$1,300**

See following pages for details

Power protection

for servers, voice, and data networks

Whether you need power protection for a few servers or for a large data center installation, APC has the optimal UPS for your specific IT environment. Offering redundant power protection for both single-

and three-phase applications, APC's Smart-UPS® and Symmetra® UPSs provide the foundation of near-continuous availability power systems with a flexible range of power capacities.

Order online at APC's Store:
solutions.apc.com

If you don't see the power solution that meets your needs, let APC's UPS Selector help you choose. Go to www.apc.com/sizing/selectors. Specify the equipment you need to protect or your entire power requirement and the UPS selector will recommend the right product for you.

Smart-UPS® 750



- SUA750**
- USB & Serial 120V
 - Output power capacity 750 VA/500 watts
 - Interface port DB-9 RS-232, SmartSlot, USB
 - Runtime at full/half load 4.6 min/15.9 min
 - Standard warranty 2 years repair or replace, optional on-site warranties available, optional extended warranties available
 - Lifetime equipment protection program: \$150,000

Starting at **\$289.99**

Smart-UPS® 2200



- SUA2200RM2U**
- USB & Serial Rack-mount 2U 120V
 - Output power capacity 2200VA/1980 watts
 - Interface port DB-9 RS-232, SmartSlot, USB
 - Runtime at full/half load 5.2 min/15.7 min
 - Standard warranty 2 years repair or replace, optional on-site warranties available, optional extended warranties available
 - Lifetime equipment protection program: \$150,000

Starting at **\$1,050**

Smart-UPS® 3000



- SUA3000RM2U**
- USB & Serial Rack-mount 2U 120V
 - Output power capacity 3000VA/2700 watts
 - Interface port DB-9 RS-232, SmartSlot, USB
 - Runtime at full/half load 3.0 min/11.3 min
 - Standard warranty 2 years repair or replace, optional on-site warranties available, optional extended warranties available
 - Lifetime equipment protection program: \$150,000

Starting at **\$1,250**

Smart-UPS® XL 1400



- SU1400RMXLB3U**
- Rack-mount 3U 120V
 - Output power capacity 1400VA/1050 watts
 - Interface port DB-9 RS-232
 - Runtime at full/half load 6.6 min/23.5 min
 - Standard warranty 2 years repair or replace
 - Lifetime equipment protection program: \$150,000

Starting at **\$729**

Smart-UPS® XL 2200



- SU2200XLNET**
- Tower unit 120V
 - Output power capacity 2200 VA/1600 watts
 - Interface port DB-9 RS-232, SmartSlot
 - Runtime at full/half load 9.7 min/34.3 min
 - Standard warranty 2 years repair or replace, optional on-site warranties available, optional extended warranties available
 - Lifetime equipment protection program: \$150,000

Starting at **\$1,075**

Smart-UPS® XL 3000



- SU3000RMXL3U**
- Rack-mount 3U 120V
 - Output power capacity 3000VA/2400 watts
 - Interface port DB-9 RS-232, SmartSlot
 - Runtime at full/half load 5.7 min/18.7 min
 - Standard warranty 2 years repair or replace, optional on-site warranties available, optional extended warranties available
 - Lifetime equipment protection program: \$150,000

Starting at **\$1,425**

Smart-UPS® RT 2000

SURTA2000RMXL

- 120V rack-mount
- Performance power protection with scalable runtime for space-constrained computer rooms, and voice and data networks
- Output power capacity 2000VA/1400 watts
- Interface port DB-9 RS-232, SmartSlot, USB
- Runtime at full/half load 5 min/15.2 min
- Standard warranty 2 years repair or replace



2000VA
15.2 min runtime

Starting at **\$1,300**

Smart-UPS® RT 3000

SURT3000RMXLT

- 208V rack-mount
- Performance power protection with scalable runtime for space-constrained computer rooms, and voice and data networks
- Output power capacity 3000VA/2100 watts
- Interface port DB-25 RS-232, SmartSlot
- Runtime at full/half load 14.1 min/33.9 min
- Standard warranty 2 years repair or replace



3000VA
33.9 min runtime



Starting at **\$1,950**

01Reseaux The Smart-UPS RT 3000 received the 01 Reseaux Editor's Choice Award in October 2004



Symmetra® RM 6kVA



Scalable to
6kVA N+1
208/240V

SYH6K6RMT

- Output power capacity 6000VA/4200 watts
- Interface port DB-9 RS-232, RJ-45 10 Base-T Ethernet for Web/SNMP/Telnet management
- Runtime at full/half load 12.4 min/29.5 min
- Standard warranty 2 years repair or replace, optional on-site warranties available, optional extended warranties available

Starting at **\$5,750**



Symmetra® received the Readers Choice award for Best UPS from *Windows* and *.net* magazine, 2002

Symmetra® RM XR Frame



Frame with
Extended
Runtime
Battery
Modules

SYRMXR4B4

- With 4 SYBT2 208/240V
- Output power capacity 6000VA/4200 watts
- Interface port DB-9 RS-232, RJ-45 10 Base-T Ethernet for Web/SNMP/Telnet management
- Runtime at full/half load 12.3 min/29.1 min
- Standard warranty 2 years repair or replace, optional on-site warranties available, optional extended warranties available

Starting at **\$2,975**

THE COSTS OF DOWNTIME

In the Information Age, availability equals viability. Now that data is the livelihood of businesses across the globe, downtime is no longer just measured monetarily.

As hospitals seek to improve the quality of patient care through IT-based applications, system availability is crucial for information security. With new federal regulations such as HIPAA and Sarbanes-Oxley enforcing more stringent availability requirements, businesses face a higher level of scrutiny in maintaining the credibility of their core applications.

"A power failure in the EMS industry would be devastating to our company, and to the community. If our systems were to fail, peoples' lives would be in danger."

—Todd Goodsite
Information Systems
Coordinator
North Central EMS



Smart-UPS® RT 10000

SURT10000RMXLT

- 208V rack-mount
- Performance power protection with scalable runtime for space-constrained computer rooms, and voice and data networks
- Output power capacity 10,000VA/8,000 watts
- Interface port DB-9 RS-232, RJ-45 10/100 Base-T, SmartSlot
- Runtime at full/half load 4 min/13.2 min
- Standard warranty 2 years repair or replace



10,000VA
13.2 min runtime



Starting at **\$5,275**

"The demands placed

on the U.S. Postal Service for rapid and efficient delivery of both domestic and international mail has never been greater. We handle 630 million pieces of mail every day. Twenty-five high reliability **Symmetra® Power Array™** units were brought in as well as two **Silcon®** units to accommodate our 3-phase requirements. Today we have a guaranteed runtime of no less than 30 minutes on all of our devices. This will help us greatly in the event we experience a real disaster."

—David Stevenson, Program
Manager, United States
Postal Service,
Washington, D.C.

Symmetra® LX



rack-mount
with 8kVA
Scalable to
16kVA N+1

SYA8K16RMP

- Rack-mount, 208/240V input, 208/240V and 120V output
- Output power up to 16kVA/12.8kW
- Interface: DB-9-RS-232, SmartSlot
- Runtime at 5.9 min/17 min
- Standard warranty 2 years repair or replace, optional on-site warranties available, optional extended warranties available

Starting at **\$8,450**



tower with
16kVA
Scalable to
16kVA N+1

SYA16K16P

- Tower, 208/240V input, 208/240V and 120V output
- Output power 16kVA/12.8kW
- Interface: DB-9-RS-232, SmartSlot
- Runtime at full/half load: 6 min/17.1 min
- Extended run time tower available with up to 30 minutes at full load
- Standard warranty 2 years repair or replace, optional on-site warranties available, optional extended warranties available

Starting at **\$11,800**



extra batteries
smaller footprint

SYA16K16PXR

- Tower, 208/240V input, 208/240V and 120V output
- Output power 16kVA/12.8kW
- Interface: DB-9-RS-232, SmartSlot
- Runtime at full/half load: 20.8 min/47.8 min
- Includes 9 batteries installed with capacity for 13
- Standard warranty 2 years repair or replace, optional on-site warranties available, optional extended warranties available

Starting at **\$15,700**

Order online at APC's Store:

solutions.apc.com



Power protection

for home, home office, and business computers

You've invested a significant amount of money in your home computer, your home entertainment systems, your security system and other electronic appliances. Industrial strength battery backup and quality surge protection from APC is yours today at an affordable price.

Order online at APC's Store:

solutions.apc.com



High performance battery backup for business computers

Back-UPS® RS 1500

- BR1500 (pictured above)
- Output power capacity - 1500 VA
- Output power capacity - 865 watts
- Typical backup time at full load - 3.7 min
- Typical backup time at half load - 12.4 min
- Interface port - USB
- Standard warranty - 2 years repair or replace
- Equipment protection policy - lifetime: \$150,000

Starting at **\$299.99**

Back-UPS® ES 725 Broadband



Best value battery backup and protection for home computers

BE725BB

- Output power capacity - 725VA
- Output power capacity - 450 watts
- Typical backup time at full load - 4.3 min
- Typical backup time at half load - 14.0 min
- Interface port - USB
- Standard warranty - 2 years repair or replace
- Equipment protection policy - lifetime: \$50,000

Starting at **\$99.99**

Back-UPS® CS 500



Best value battery backup and protection for business computers

BK500

- Output power capacity - 500VA
- Output power capacity - 300 watts
- Typical backup time at full load - 2.4 min
- Typical backup time at half load - 13.9 min
- Interface port - DB-9 RS-232, USB
- Standard warranty - 2 years repair or replace
- Equipment protection policy - lifetime: \$100,000

Starting at **\$109.99**

Back-UPS® LS 700



High performance battery backup and protection for home computers

BP700UC

- Output power capacity - 700VA
- Output power capacity - 410 watts
- Typical backup time at full load - 2.2 min
- Typical backup time at half load - 11.1 min
- Interface port - USB
- Standard warranty - 2 years repair or replace
- Equipment protection policy - lifetime: \$150,000

Starting at **\$139.99**

Back-UPS® HS 500



Protects home networking equipment

BH500NET

- Superior power management and protection for dataline panel box and home networking equipment
- Output power capacity - 500VA
- Output power capacity - 300 watts
- Typical backup time at full load - 4.4 min
- Typical backup time at half load - 16.3 min
- Standard warranty - 2 years repair or replace
- Equipment protection policy - lifetime: \$100,000

Starting at **\$119.99**



APC's Back-UPS HS was named to *techliving's* 2004 Hot List, which includes 50 products that will simplify your life.



"I have an APC UPS

in almost every room of the house. I have a **Smart-UPS®** 1250 protecting my laptop and printer. My laptop is the center of my computing world and houses important documents, contact lists, and journals. My home office also has a **Back-UPS®** 450 protecting my fax and answering machines. I have a **Smart-UPS** 1000 in the living room protecting my TV, VCR, DVD Player, a **Smart-UPS** 900 in the bedroom protecting another TV, VCR/DVD setup in addition to a **Back-UPS** 450 protecting the alarm clocks and lamps. I have a **Back-UPS** 400 protecting my stereo system. I also use APC Surge Protectors for the phone and cable lines.

"All my APC units have been working flawlessly. They have paid for themselves many times over. We have weathered the effect of severe storms, and two to three annual power outages, some of which have lasted for up to two days. In my opinion, you never can have enough APC."

Dan Pajski
Fredericksburg, PA



SurgeArrest® Home and Performance

Starting at **\$19.99**

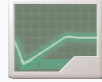
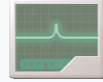

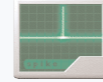
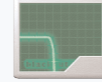
See next page for details

Surge Protection

Safeguard your equipment
from everyday power events

Lightning and power surges can permanently ruin your electronic equipment, while changes in voltage cause lockups and loss of work. You can rely on APC surge protection, TVSS, and line conditioning products to protect everything from multimedia applications on your desktops to workstations on networks.

POWER ANOMALIES

				
Sag Temporary dip in RMS voltage	Surge Short term increase in RMS voltage levels	Noise Electro-magnetic and radio frequency interference	Spike Dramatic and instantaneous increase in voltage	Blackout RMS voltage goes to zero

Order online at APC's Store:

 solutions.apc.com

AV Surge Protector



- P7V, P8T3V, PR11T3V2, PR11T3V5
- 11, 8, and 7 Outlet with COAX and Tel2/Splitter Protection (P8T3V, PR11T3V2, PR11T3V5)
 - eP Joule Rating - 1080 to 3400
 - Let-through voltage rating <330 to less than 40
 - Standard warranty - lifetime
 - Equipment protection policy \$50,000-100,000

Starting at **\$19.99**

ProtectNet



- Rack-mountable and stand-alone styles
- Modular, scalable surge protection for network and telecommunication data lines
- Rack-mountable design available in 4- and 24- position chassis

Starting at **\$17.99**

Panelmount Surge Protection Device



- PMP1X
- Whole-house surge protection
 - Fits inside your circuit breaker panel
 - Let-through voltage rating <400
 - Standard warranty - 5 year repair or replace

Starting at **\$269.99**

LineR® 600VA



- LE600, LE1200
- Automatic voltage regulation for protection against brownouts and overvoltages
 - Number of outlets - 4
 - Surge energy rating 680 Joules
 - Let-through voltage rating < 450
 - Standard warranty - 2 years
 - Equipment protection policy \$25,000

Starting at **\$44.99**

Essential SurgeArrest®



7 outlets
Telephone protection

- P7T
- 7 Outlet with Tel protection
 - Number of outlets - 7
 - eP Joule rating - 490
 - Let-through voltage rating <330
 - Standard warranty - lifetime
 - Equipment protection policy \$25,000

Starting at **\$14.99**

Home/Office SurgeArrest®



8 outlets
Telephone, COAX protection

- PH8VT3
- 8 Outlet with Tel2/splitter protection and COAX protection
 - Number of outlets - 8
 - eP Joule rating - 2525
 - Let-through voltage rating <85
 - Standard warranty - lifetime
 - Equipment protection policy \$75,000

Starting at **\$19.99**

Performance SurgeArrest®



11 outlets
Telephone, COAX, Ethernet protection

- PF11VNT3
- 11 outlet with Tel2/Splitter, COAX and Ethernet protection
 - eP Joule rating - 3400
 - Let-through voltage rating <40
 - Standard warranty - lifetime
 - Equipment Protection Policy \$100,000

Starting at **\$29.99**



"APC is the best product I have ever invested in. I am now looking to buy more surge suppressors for all my electronics and a UPS for my computer servers and equipment. Whenever someone brings up technology and bad luck stories, they always get my opinion on what to buy and I always recommend APC."

—Neil Bradshaw
Windsor, Ontario



Mobility Solutions

Availability at home, at work, on the go...

If you are a mobile professional, you need to be as connected, informed, and efficient as if you were sitting at a desk in the office. APC leverages its intensive experience in power protection and availability systems to provide you with mobile solutions that address your on-the-go productivity, organization, availability, and connectivity needs.

Order online at APC's Store:

 solutions.apc.com

WHICH MOBILE SOLUTION IS RIGHT FOR YOU?

Find and customize the APC Mobility Solution that's right for you. Use our TravelPower™ Case and Accessory Configurator to help you find the right case to fit your lifestyle and our Notebook Battery Selector to help you find the exact replacement battery solution you require. Go to www.apc.com/sizing/mobilecomputing_selector.cfm



TravelPower™ Case



APC's TravelPower™ Case was a *PC Guia's* (Portugal) Recommended Product, and an *IT Users* (Portugal) editor's choice award in 2004.

TPC1300B

- Notebook carrying case with integrated universal charging electronics
- 1300cu-in ballistic nylon case
- Business card holder
- Convenient carrying case
- Durable construction
- Mesh pocket
- Nickel fittings
- Non-slip shoulder pad
- Removable spill-proof pouch
- Security strap
- Six-sided foam protection
- Specially designed pockets

Starting at **\$129.99**

Universal Notebook Battery



UPB80

- Slim, lightweight design
- Compatibility for most notebooks (with included tips)
- Selectable voltage
- Universal power adapter compatible
- 80WH

Starting at **\$249.99**

USB Mobile Phone Charger



CUSBSS4

- Samsung R225M
- USB charging cables for mobile phones
- Works with APC TravelPower™ Case

Starting at **\$14.99**

Replacement Notebook Batteries



LBCIB23R

- IBM T40 notebook battery
- Hot-swappable
- Meets or exceeds OEM specifications

Starting at **\$149.99**

TravelPower™ Adapter



TPA90DC

- Universal power adapter with 120V plug kit
- 2-prong attachment
- Adapter tips
- Airline, automobile adapter
- Single power source
- Universal notebook power adapter
- USB charging ports
- Works with APC TravelPower™ Case

Starting at **\$79.99**

SurgeArrest® Notebook



PNOTEPROC6

- C6 with telNet 100-240V
- Catastrophic event protection
- Data-line protection
- Lightning and surge protection
- Multivoltage design
- Status indicator LEDs
- Surge protection

Starting at **\$19.99**



"APC has a reputation for reliability, and it made sense for me to turn to APC to protect my mobile laptop computer. I called APC's Customer Service for assistance, and they helped me choose the reliable SurgeArrest® Notebook.

"SurgeArrest provides reliable electrical and telephone line protection from powerful surges. It also reduces EMI/RFI line noise that can cause data errors and keyboard lockups, giving me better performance that's crucial to doing my job."

Bill Greig
Manager
B & D Consultants
Reno, NV

USB Biometric Password Manager



- BIOPOD**
- 3-Step plug and play setup
 - Authentic TruePrint sensor technology
 - Compact portable design
 - Designed for accurate verification
 - Eliminate password lists
 - Fast user switching for Windows XP
 - Limit access to computers
 - PC compatible
 - Self-powered operation
 - USB connector

Starting at **\$49.99**

3-in-1 Wireless Mobile Router



- WMR1000G**
- Three modes of operation: access point (AP), AP router, and Ethernet client mode
 - Compact, portable design
 - AC or USB power pad
 - WPA, 128 bit WEP encryption with built-in firewall protection
 - Easy 3-step setup
 - Compatible with popular game consoles

Starting at **\$69.99**

Retractable Cables



- RCTE**
- Ethernet and Telephone cables (2 pack)
 - Retractable cables for your mobile network
 - Spring activated, 5' retractable cable
 - Perfect for travel

Starting at **\$14.99**

Ergonomic Notebook Stand with 4-port USB 2.0 Hub



- ENS-USB**
- 360 degree swivel capability
 - Allows for notebook cooling
 - Compatible with any notebook
 - Folding notebook retainer
 - Integrated 4-port USB 2.0 hub

Starting at **\$99.99**

Ergonomic Mobile Cooling Platform with Tilting Mouse Pad



- EMCP**
- Lightweight, portable notebook stands for the mobile professional
 - Low profile
 - Compact and lightweight for maximum portability
 - Allows for notebook cooling, for maximum performance and longevity

Starting at **\$29.99**

Optical Travel Mouse



- TMO**
- Connectivity solutions for mobile users
 - USB mouse with 2 foot retractable cable
 - Plug and play

Starting at **\$19.99**



APC's Biometric Password Manager was awarded *PC World's Best Buy Award*.



APC's Mobile Notebook Stands and Biometric Password Manager were awarded *Network World's Cool Yule Tools Award* in 2004.

Don't see the mobile solution you need? Go to www.apc.com to find and customize the APC mobility solution that's right for you.

Cables

network accessories and server access products

APC offers a broad selection of copper and fiber optic cables for both network and desktop applications. These high-quality cables and connectivity products protect your networks against downtime and loss of data. Our strict adherence to industry standards ensures quality, consistency, speed, and data integrity.

There are times when new specifications arise that aren't yet addressed on the market. For these custom applications, APC is able to leverage its world-wide manufacturing and sourcing capabilities to offer its customers tailored solutions. All of our cables have a lifetime warranty.

USB 2.0 Device Cables



- Fully compliant to USB 2.0 standards
- Backwards compatible with USB 1.1
- Standard lengths available from 3 to 16 feet
- Available in different colors

Starting at **\$19.99**

Cat5E Cables



- Meets TIA 568B Standards for Cat5E
- Available in a wide array of colors
- Patch and crossover cables available
- Molded, snagless design
- Standard lengths available from 1 foot to 100 feet

Starting at **\$8.75**

IEEE 1394 Cables



- Available 4 and 6 pin configurations
- IEEE 1394 compliant (400Mbps)
- Available in lengths up to 4.5 meters

Starting at **\$24.99**

AV Cables



- 24K gold plated connectors ensure optimal contact with equipment
- Molded cables with copper conductors provide solid connections
- Silver coated conductors with assembled connectors provide pure sound and video
- Individually labeled connectors make connecting equipment easy

Starting at **\$14.99**

Cat6 Cables



- Meets TIA 568B standards for Cat6
- Available in a wide array of colors
- Molded, snagless design
- Standard lengths available from 1 foot to 100 feet

Starting at **\$12.99**



AV Power Conditioning

and battery backup for pure uninterrupted power

You've invested a lot of time, effort, and money to build the best high-performance system possible. You expect and demand the most realistic cinematic performances your home theater technology can provide. But, in the span of a single movie frame, your entire investment can be lost due to bad power. Every day, power fluctuations, noise, and outages can make it impossible for your system to perform to its maximum capability. Volatile mem-

ory settings, DVR recordings, and media server data can be lost (sometimes permanently) when the power goes out. Costly projector bulbs can also be damaged by blackouts.

From the world's power experts comes the home AV power protection unit that eliminates all these power threats. Complete protection means peace of mind. And peace of mind means complete relaxation and enjoyment.

The AV S15 was an *Innovations 2005*
 Design and Engineering Showcase Honoree



Order online at APC's Store:
solutions.apc.com



Or order by phone:
 1-888-289-APCC x3320

Add extra batteries to get the runtime you desire. Pictured here is an S15 with two extra SBATT battery packs connected. Go to www.apc.com for more information about APC AV.



S Type Power Conditioner with Battery Backup



1kVA
 Runtime 11 min
 (full load), 24 min
 (half load)

S10

- 1000VA/685W power capacity with 12 outlets
- Pure sine wave battery backup power prevents interruptions, lost pre-sets, missed DVR recordings
- Surge protection protects investment
- Isolated Noise Filtering improves sound & video quality
- Automatic Voltage Regulation improves sound & video quality, protects component power supplies
- Outlet sequencing protects speakers and prevents tripping home circuit breaker
- COAX and phone line surge protection jacks
- DC trigger
- Rack-mountable
- 2 year warranty, unlimited lifetime equipment protection policy

Starting at **\$1299**

S Type Power Conditioner with Battery Backup



1.5kVA
 Runtime 20min
 (full load), 40min
 (half load)

S15

- 1500VA/900W power capacity with 12 outlets
- Pure sine wave battery backup power prevents interruptions, lost pre-sets, missed DVR recordings
- Surge protection protects investment
- Isolated Noise Filtering improves sound & video quality
- Automatic Voltage Regulation improves sound & video quality, protects component power supplies
- Outlet sequencing protects speakers and prevents tripping home circuit breaker
- COAX and phone line surge protection jacks
- DC trigger
- Rack-mountable
- Add extra battery packs (part# SBATT) for additional runtime
- 2 year warranty, unlimited lifetime equipment protection policy

Starting at **\$1499**

H Type Power Conditioner



AVR,
 EMI/RFI
 filtering

H10

- 1000VA/1000W power capacity with 12 outlets
- Surge protection protects investment
- Isolated Noise Filtering improves sound & video quality
- Automatic Voltage Regulation improves sound & video quality, protects component power supplies
- Outlet sequencing protects speakers and prevents tripping home circuit breaker
- COAX and phone line surge protection jacks
- DC trigger
- LED indicators
- 5 year warranty, \$500,000 lifetime equipment protection policy

Starting at **\$299.99**

H Type Power Conditioner



LCD display,
 COAX/Cable
 line splitter

H15

- 1500VA/1500W power capacity with 12 outlets
- Surge protection protects investment
- Isolated Noise Filtering improves sound & video quality
- Automatic Voltage Regulation improves sound & video quality, protects component power supplies
- Outlet sequencing protects speakers and prevents tripping home circuit breaker
- COAX with splitter and phone line surge protection jacks
- DC trigger
- LCD Display and LED indicators
- 5 year warranty, \$750,000 lifetime equipment protection policy

Starting at **\$399.99**

Why Buy From APC?

Fast and Easy

You can shop online anytime, day or night, at the APC Online Store. Visit solutions.apc.com to buy all the availability solutions you need from one trusted vendor.

If you prefer to order by phone, or if you have questions, just call 1-888-289-APCC, ext. 3320. Our knowledgeable sales representatives are available to help you, Monday through Friday, 8 A.M. to 8 P.M., eastern standard time.

No Guesswork

APC provides you with all the information you need to make the right buying decision. Just look for our detailed, easy-to-use online product selectors to help you determine the best solution for you. If you require additional help, or have further questions, just call one of our highly trained sales representatives, who can be reached by phone at 1-888-289-APCC ext.3320.

Equipment Protection Policy

For as long as you own the product, if your properly connected equipment is ever damaged by an AC surge, including surges due to lightning, APC will replace your product and at our option repair or reimburse the fair market value of the connected equipment for up to \$100,000 (value in the US and Canada only). See product for dollar amount pledged and policy for terms and conditions.

Comprehensive Product Warranties

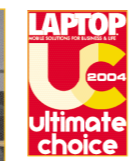
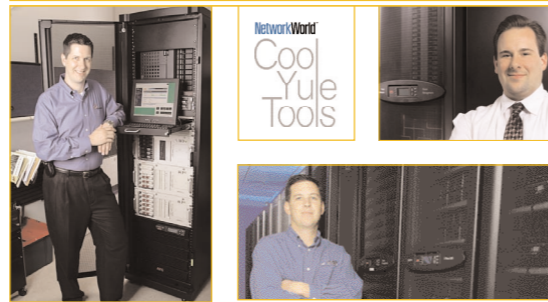
APC products are backed by comprehensive warranties and policies to afford basic peace of mind right out of the box. Most APC products ship in the United States and Canada with a standard two-year comprehensive warranty. Depending on your location or product you may instead have a one- or three-year warranty. For more information, please consult your accompanying product documentation. Extended warranties are also available for select products.

Online Product Support

Staying informed and getting answers to your questions is easy with APC's online Knowledge Base database. The Knowledge Base contains valuable information gathered from APC Engineers, Product Managers, and customers like you, and is regularly updated by the APC Customer Solutions Team.

If you can't find what you are looking for in the Knowledge Base, you can submit your question directly to the APC Customer Solutions Team, and then track the status of your questions. Or for immediate assistance, chat online with an APC Technical Support Representative, Monday through Friday, 8 A.M. to 8 P.M., eastern standard time.

APC has received more than 100 awards in 2004 alone. Join the over 15 million satisfied customers who rely on APC's Legendary Reliability.™



Terms and conditions

THESE TERMS AND CONDITIONS ARE INCLUDED WITHIN ALL CONTRACTS FOR PRODUCTS AND SERVICES PURCHASED FROM THE AMERICAN POWER CONVERSION (APC) WEB SITE OR THROUGH THE APC ONLINE STORE AND THE APC CALL CENTER.

This is an important document that affects your rights and obligations. It also includes exclusions and limitations that apply to you. The terms and conditions may be subject to change by seller without notice although changes will not affect contracts that have already come into existence. You will be asked to approve the complete site terms and conditions every time before you place an order to purchase.

APPLICABILITY

Your order shall be the offer to purchase. Seller reserves the right to refuse to accept orders and all products and services are subject to availability. Any order containing an item that sells completely out of stock will be cancelled. Seller shall accept orders by confirming the order in writing, or delivering or invoicing any of the products or commencing provision of the services. Seller shall not be deemed to have accepted any such order until such confirmation, invoicing, delivery or provision. The seller has the right to decline or cancel any purchase order containing erroneous prices. On acceptance of an order a contract will be made between seller and customer. The invoice the customer will receive will cross-refer the customer's order number and will indicate where payment is to be made.

For the purposes of these terms & conditions the call center is that call center operated by APC and contactable on telephone numbers: North America - (888)WWW-APCC, (1-888-999-2722) 8AM-8PM EST. If orders are placed with the call center then binding legal obligations may be created upon acceptance of your oral orders. Seller's acceptance of your orders will be confirmed electronically or sent by mail. Legal acceptance of your order is effective at the time of seller's sending or posting of the acceptance mail.

If there is a revision or cessation of a product that is the subject of a contract then seller may ship products with the functionality of

the products ordered but there will be differences in what is shipped to what has been ordered. Where functionality cannot be matched with the ordered products seller will advise customer either of a suitable alternative that may be supplied or of a cancellation of the contract (or at seller's discretion the part that refers to the product in question). Subject to the return policy below, upon such cancellation seller shall make a full refund to customer of the payments received for the relevant cancelled products and neither party shall have any further liability to the other for the same.

PRICE AND PAYMENT

The price of the products and services is stated in the Web site or in the order accepted by seller. Shipping charges are identified separately to the price of the products and services. Prices are quoted in US dollars and are subject to change without notice. Price changes do not affect contracts created after acceptance of customer orders. Prices exclude shipping, handling, and taxes unless otherwise noted. Customer is responsible for shipping charges, VAT and other sales taxes as specified in the contract. Orders shipped to the following US states will be charged sale/use tax: CA, CO, CT, FL, GA, IL, LA, MA, MD, MI, MN, NC, NJ, NY, OH, OK, PA, RI, TN, TX, VA, VT, and WA. We accept VISA, MasterCard, American Express and Discover-Novus credit cards for payment. Payment in US dollars (\$US) is the only acceptable form of payment.

DELIVERY

Products and services will be delivered to agreed locations for the charge set out in the contract. Seller shall be responsible for the insurance and care of products and services up to the point of delivery. Once delivery has occurred then the products and services are customer's responsibility and customer should insure the same in accordance with prudent

business practices.

Times for delivery are targets only and seller shall not be responsible for late delivery. APC does not ship partial orders. This means that if you've ordered items that are indicated as being temporarily OUT OF STOCK along with ones that are IN STOCK, we will not ship until the backorder can be filled.

RETURNS

NON-WARRANTY RETURNS. APC accepts non-warranty returns of all items except for opened software products under the following circumstances:

APC will accept returns within 30 days from the day the order is shipped. Only returns with a Credit Material Authorization "CMA" number will be accepted. A 15% restocking fee will be applied to all returns. To obtain a CMA number you must speak with an APC representative at (888)WWW-APCC, (1-888-999-2722) from 8AM-8PM EST. Shipping and handling charges are not refundable. No returns will be accepted after 30 days.

Please note that we can process refunds only for items purchased directly from APC's factory store, demo store, personal page stores, and any other store that is available in North America at <http://commerce.apcc.com>.

RECEIVE A REFUND. Once the return is received, please allow 7-10 business days for the credit to appear on your account. The credit will be issued to the credit card used for the purchase minus any collection fees or restocking fees if applicable.

