



## BRING THE TECHNOLOGY OF TOMORROW TO THE BUILDINGS OF YESTERDAY

As technology continues to transform education, you face the difficult task of supporting growing technology use while budgets are under pressure. You may be dealing with aging facilities, a hodgepodge of equipment and other less-than-ideal circumstances you don't have the time or money to fix right now, but you still need to stay relevant to current expectations and scalable to future needs.

Tripp Lite has the products, experience and expertise to help you build a state-of-the-art data center, but if you need to get by with a converted supply closet, we still have you covered. With thousands of cost-effective, vendor-neutral IT infrastructure solutions designed to work with your existing systems, we can help you expand, improve operational efficiency and meet uptime goals affordably.

## RECEIVE PERSONALIZED SERVICE FROM A RELIABLE PARTNER

Tripp Lite is known for reliable products and affordable prices, but what really sets us apart is our willingness to work closely with you. Some suppliers think a stack of cardboard boxes is a solution. You're left to integrate all your new stuff with all your old stuff, which can be most of the work.

When you choose Tripp Lite, we help you customize a fully integrated solution that's flexible enough to work with your existing systems and infrastructure, regardless of vendor or vintage. We evaluate your unique requirements and provide detailed, practical advice that allows you to balance technical requirements and budgetary realities.

Why do we give away valuable advice that other companies charge for? Because when you compare Tripp Lite to the competition, we believe that you'll choose us. And after you've worked with us, we're confident that you'll be a repeat customer.

## WHY DO SO MANY EDUCATION CUSTOMERS CHOOSE TRIPP LITE?

- We've been around since 1922, and we'll be there when you need us
- Fully integrated, vendor-neutral solutions work with your existing systems
- More than 2,500 products provide a wide range of options for customization
- Reliable power promotes system availability
- Green solutions reduce energy use, operating costs and environmental impact
- Budget-friendly pricing allows you to buy more with every dollar
- Single-source convenience simplifies planning, ordering, service and support
- Self-service capabilities reduce ongoing maintenance costs
- Modular UPS designs enable easier, single-person installation
- Centralized remote management allows IT staff to cover more ground
- Reliable products mean you'll have fewer problems
- Responsive service prevents minor problems from becoming major headaches
- E-Rate discounts save up to 90% for qualified institutions



**“Tripp Lite staff are extremely willing to listen to us. We feel like we are not just a customer, but a partner.”**

*Troy Marshall, Director of Technology, Paramount Unified School District, Los Angeles*

# COMMON APPLICATIONS

## NETWORK CLOSETS / BACK OFFICES / SERVER ROOMS DATA CENTERS



**Common equipment:** Servers, storage, switches and routers  
**Tripp Lite solutions:** On-line UPS systems, line-interactive UPS systems, external battery packs, rack enclosures, heat removal units, portable air conditioners, row-based air conditioners,

IP console servers, KVMs, rack consoles, console KVMs, PDUs, cable managers, network cables (copper and fiber), power cables

## CLASSROOMS/COMPUTER LABS



**Common equipment:** Computers, laptops, netbooks, tablets, projectors, HDTVs, DVD players, printers, wireless access, routers, hubs

**Tripp Lite solutions:** UPS systems, surge suppressors, wall-mount enclosures, desktop KVMs, display solutions, presentation remote controls, cables

## ADMINISTRATIVE OFFICES



**Common equipment:** Small servers, phone systems, computers, printers, scanners, copy machines, fax machines, wireless access, lighting, small appliances

**Tripp Lite solutions:** UPS systems, surge suppressors, wall-mount enclosures, desktop KVMs, cables

## MEETING / CONFERENCE / DISTANCE LEARNING CENTERS



**Common equipment:** Projectors, HDTVs, video systems, phone systems, automation controls, network hardware

**Tripp Lite solutions:** UPS systems, surge suppressors, wall-mount enclosures, cables, display solutions, presentation remote controls, KVMs, IP console servers

## ATHLETIC FACILITIES



**Common equipment:** Digital signs, scoreboards, displays, PA systems, retail stations, audio/video equipment

**Tripp Lite solutions:** UPS systems, surge suppressors, wall-mount enclosures, desktop KVMs, cables, display solutions

## LECTURE HALLS / AUDITORIUMS / THEATERS



**Common equipment:** Projectors, audio/video equipment, wireless access, HDTVs

**Tripp Lite solutions:** UPS systems, surge suppressors, wall-mount enclosures, cables, display solutions, presentation remote controls

## DORMITORIES / COMMONS / LOUNGES



**Common equipment:** Wireless access, routers, switches, appliances, HDTVs

**Tripp Lite solutions:** Wall-mount enclosures, UPS systems, surge suppressors, compact IP console servers, display solutions

## LIBRARIES / MULTIMEDIA LABS



**Common equipment:** Computers, printers, copy machines, audio/video equipment, wireless access

**Tripp Lite solutions:** UPS systems, surge suppressors, wall-mount enclosures, desktop KVMs, cables, display solutions

## SCIENCE / ENGINEERING LABS



**Common equipment:** Computers, lab equipment, refrigerators, wireless access

**Tripp Lite solutions:** UPS systems, surge suppressors, cables, KVMs, wall-mount enclosures, USB/serial adapters

## CAFETERIAS / BOOKSTORES / POINTS OF SALE



**Common equipment:** Cash registers, appliances, digital signs, wireless access, back-office systems

**Tripp Lite solutions:** Full-isolation UPS systems, isolation transformers, surge suppressors, power strips, wall-mount enclosures, cables, display solutions

## MAINTENANCE / JANITORIAL / SUPPLY ROOMS WAREHOUSES



**Common equipment:** Power tools, maintenance vehicles, office equipment

**Tripp Lite solutions:** Surge suppressors, power strips, DC-to-AC Inverters, UPS systems, wall-mount enclosures, portable air conditioners, cables

## NURSES' STATIONS / CLINICS / HOSPITALS



**Common equipment:** Computers, peripherals, phone systems, refrigerators, medical equipment, medical carts, emergency vehicles

**Tripp Lite solutions:** Medical-grade UPS systems, medical-grade power strips, mobile power retrofit kits, ambulance inverter/chargers, display solutions, KVMs, IP console servers, cables

## SECURITY SYSTEMS/OPERATION CENTERS/GUARD STATIONS



**Common equipment:** Digital video recorders, security cameras, displays, ID readers, motion sensors, alarms, computers, phone systems, emergency communications

**Tripp Lite solutions:** UPS systems, surge suppressors, wall-mount enclosures, cables, display solutions, console KVMs, rack consoles, IP console servers, KVMs

**CONTACT US FOR A  
CUSTOM SOLUTION!**



773.869.1236



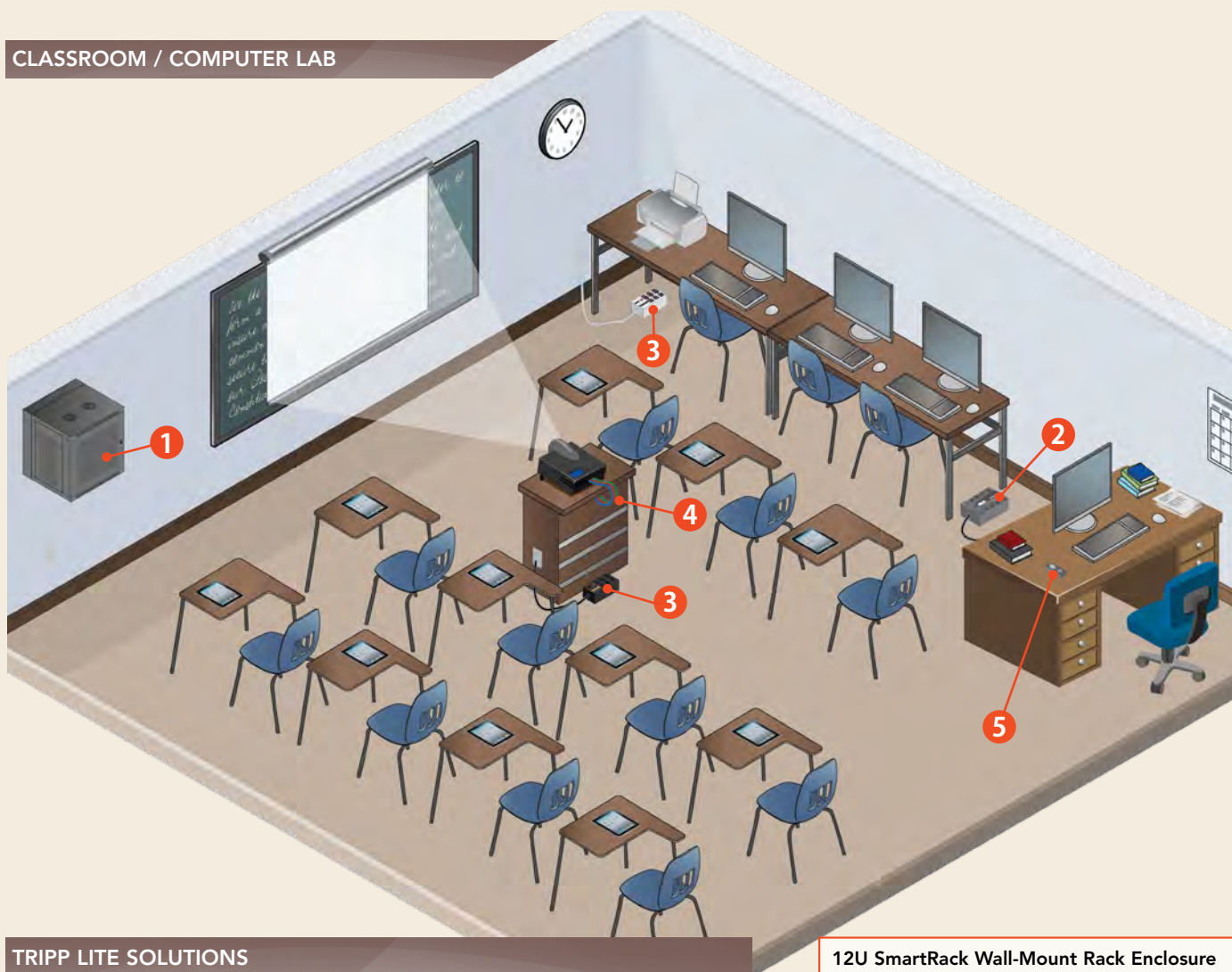
saleshelp@tripplite.com



www.tripplite.com/education

The diagrams represent a small sample of the thousands of Tripp Lite products and millions of combinations available. When you're ready to take the next step, contact us for a custom solution tailored to fit your unique requirements.

## CLASSROOM / COMPUTER LAB

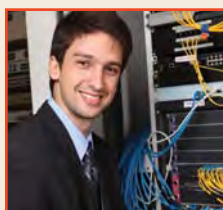
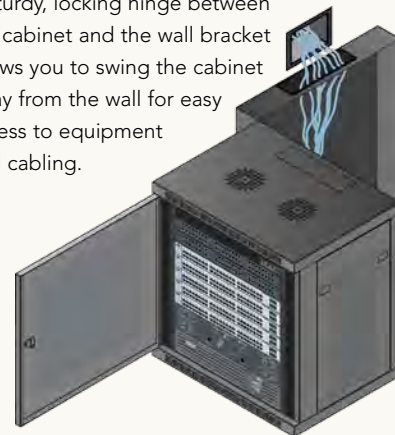


### TRIPP LITE SOLUTIONS

- 1 SmartRack™ Wall-Mount Rack Enclosures** provide an IP20 protection rating and serve two purposes in the classroom: They store IT equipment such as routers, switches and wireless access hardware, as well as Tripp Lite UPS Systems, PDUs, IP Console Servers and patch panels. They also provide convenient, locking storage for any other equipment that should be off the floor, out of the way and secure when not being used, such as laptops, netbooks, tablets and calculators.
- 2 Internet Office™ UPS Systems** protect computers and other devices that require battery backup during power outages.
- 3 Isobar® and Protect It!™ Surge Suppressors** provide multiple protected outlets for projectors, HDTVs, printers and other devices that do not require battery backup.
- 4 Cables** provide reliable network, power and audio/video connections. **Over Cat5 Display Solutions** transfer audio/video signals from distant sources via economical, convenient Cat5 cabling.
- 5 Keyspan® Remote Controls** control presentations up to 100 ft. away.

### 12U SmartRack Wall-Mount Rack Enclosure

A sturdy, locking hinge between the cabinet and the wall bracket allows you to swing the cabinet away from the wall for easy access to equipment and cabling.



**CONTACT US FOR A CUSTOM SOLUTION!**



773.869.1236

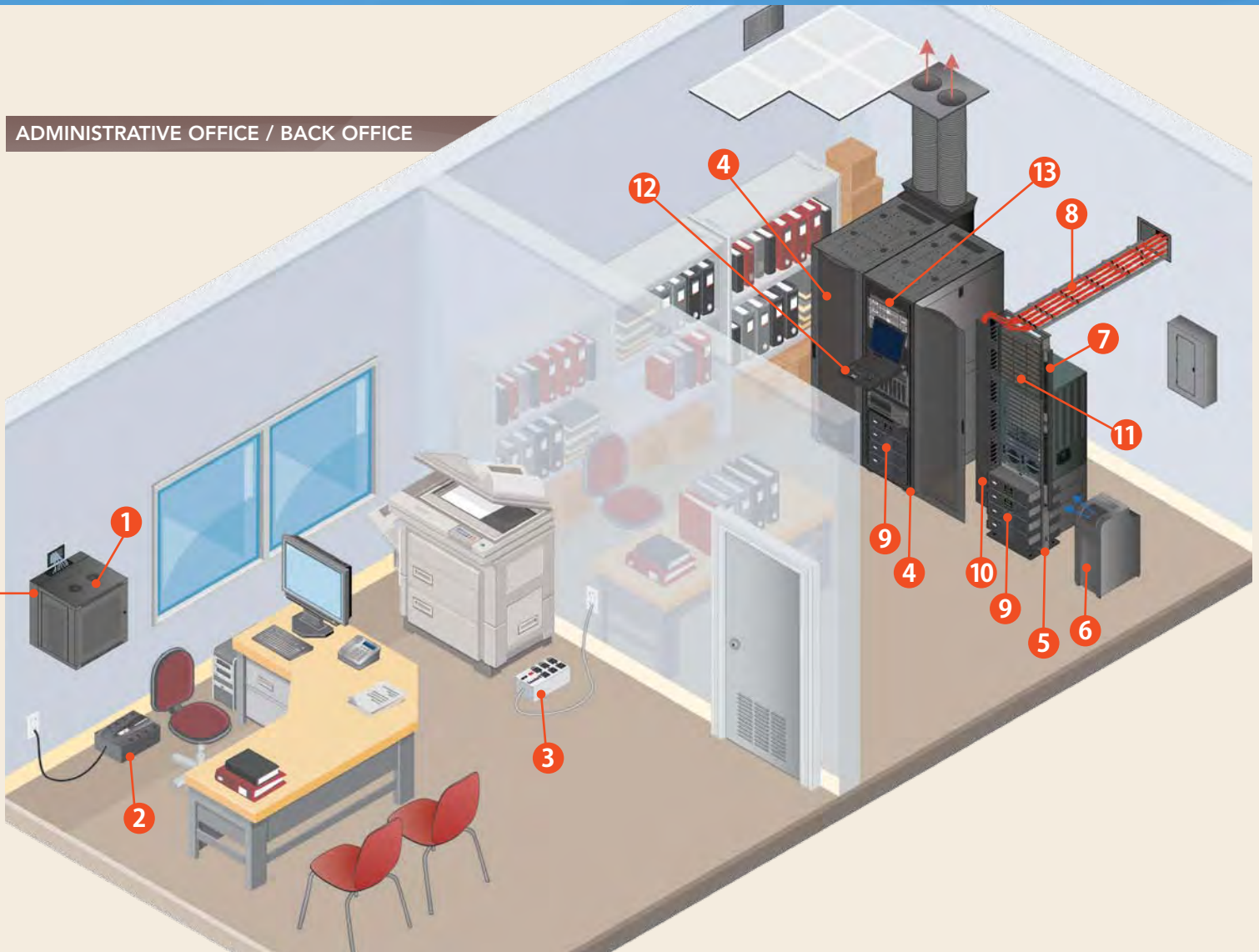


saleshelp@tripplite.com



www.tripplite.com/education

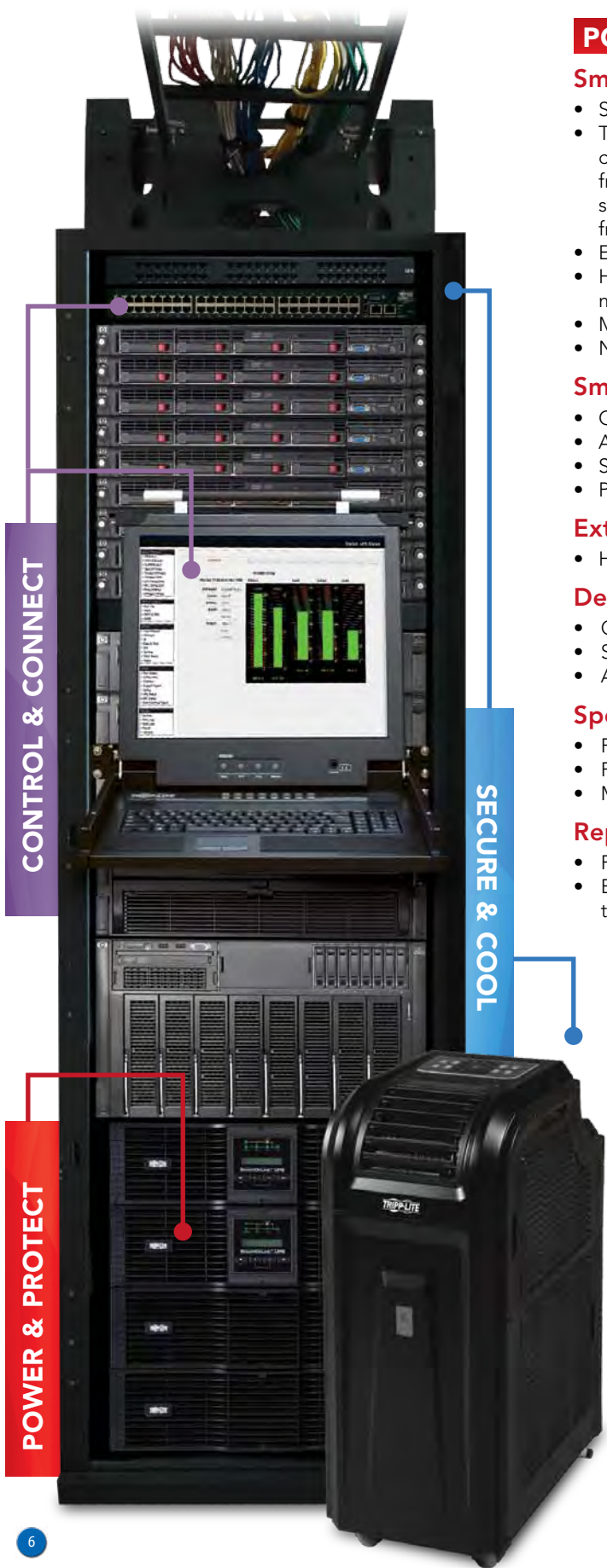
## ADMINISTRATIVE OFFICE / BACK OFFICE



### TRIPP LITE SOLUTIONS

- 1 SmartRack Wall-Mount Rack Enclosures** provide an IP20 protection rating and store routers, switches and wireless access hardware, as well as Tripp Lite UPS Systems, PDUs and IP Console Servers.
- 2 ECO-UPS™ Energy-Saving UPS Systems** protect computers, IP phones and other devices that require battery backup. They save energy by turning off idle peripherals when the connected computer is turned off or in standby mode.
- 3 Isobar and Protect It! Surge Suppressors** provide multiple protected outlets for printers, fax machines, copiers, lamps, small appliances and other devices that do not require battery backup.
- 4 SmartRack Enclosures** conveniently organize and secure standard 19-inch rack equipment, regardless of vendor.
- 5 SmartRack Open Frame Racks** provide economical equipment organization.
- 6 SmartRack Portable Air Conditioning Units** can cool a small room, an overheating rack enclosure or a specific hot spot. They do not require special outlets, plumbing or maintenance. Liquid condensate is re-evaporated and expelled through the exhaust air stream for drip-free operation, so valuable IT staff won't waste time emptying water collection tanks over and over again.
- 7 Network-Grade PDUs** distribute power from a UPS system, wall outlet or generator to multiple devices. They are available with or without digital load meters, IP remote access and remote outlet switching.
- 8 Cables** provide reliable network and power connections.
- 9 SmartOnline™ and SmartPro® UPS Systems** provide reliable, efficient power with expandable battery backup to keep critical systems operating through blackouts and other power problems.
- 10 SmartRack High-Density Cable Managers** organize and secure large quantities of network cables.
- 11 Network and Fiber-Optic Patch Panels** provide reliable interconnections for patch cables.
- 12 NetDirector™ Rack Consoles and Console KVM Switches** include a keyboard, touchpad and LCD monitor. The entire package can fold like a laptop and slide into a 1U rack drawer, providing compact storage and easy access.
- 13 IP Console Servers** provide in-band and out-of-band remote access to all serial- and network-connected devices.

## SINGLE-SOURCE CONVENIENCE AND MORE THAN



CONTROL & CONNECT

SECURE & COOL

POWER & PROTECT

### POWER & PROTECT

#### SmartOnline UPS Systems

- Single-phase models (up to 20kVA) and 3-phase models (up to 160kVA)
- True on-line operation provides continuous AC-to-DC-to-AC double conversion with pure sine wave output to isolate connected equipment from power problems, including blackouts, brownouts, overvoltages, surges, line noise, harmonic distortion, electrical impulses and frequency variations
- Economy Mode operation saves energy and reduces operating costs
- Hot-swappable models allow users to replace power modules for maintenance or repair without downtime or service specialists
- Modular cabinets enable easier, single-person installation
- N+1 power module redundancy and 2N full redundancy available

#### SmartPro Line-Interactive UPS Systems

- Capacities up to 5kVA
- Automatic voltage regulation corrects abnormal voltages
- Surge and line noise protection
- Pure sine wave output available

#### External Battery Packs

- Hot-swappable battery packs expand UPS runtime for any requirement

#### Desktop/Office UPS Systems

- Compact, economical models up to 1.5kVA
- Surge and line noise protection with battery backup
- Automatic voltage regulation and energy-saving models available

#### Special-Purpose UPS Systems

- Full isolation models for retail and network applications
- Premise wiring models designed for structured cabling enclosures
- Medical-grade models certified for health care settings

#### Replacement Batteries

- For UPS systems manufactured by Tripp Lite and most other vendors
- Extend UPS service life and ensure that worn-out batteries won't lead to downtime during an outage

#### Power Distribution Units (PDUs)

- Distribute power from a UPS, generator or wall outlet to multiple devices
- Metered models include digital load metering
- Monitored models include load metering and network interface
- Switched models include load metering, network interface and remote outlet switching to reboot unresponsive devices from any distance
- Single-phase and 3-phase PDUs available

#### Power Distribution Centers

- Extract and distribute single-phase and/or 3-phase power from 3-phase power sources



CONTACT US FOR A CUSTOM SOLUTION!



773.869.1236



saleshelp@tripplite.com



www.tripplite.com/education

# 2,500 PRODUCTS TO CHOOSE FROM!

## POWER & PROTECT (continued)

### Surge Suppressors

- More than 100 models provide up to 24 outlets, surge and line noise protection and optional data line protection
- Rackmount, industrial, audio/video, energy-saving and OSHA-compliant models available
- Premium Isobar models and economical Protect It! models provide the best surge protection in their class

### Power Strips

- More than 50 different models provide up to 24 outlets
- Rackmount, industrial, OSHA-compliant, GFCI and medical-grade (UL 60601-1) models available

### PowerVerter® Inverters & Inverter/Chargers

- Inverters convert vehicle battery power to AC for backup, mobile, emergency and remote site applications
- Inverter/chargers also charge user-supplied batteries when an AC source is available

### Health Care Solutions

- Medical-grade UPS systems, power strips and mobile power retrofit kits for use in patient-care areas (UL 60601-1)

### Additional Products

- Line conditioners and isolation transformers

## SECURE & COOL

### SmartRack Enclosures & Open Frame Racks

- Load ratings up to 3,000 pounds
- Optimized for easy installation and cooling best practices, including hot-aisle/cold-aisle configurations

### SmartRack Wall-Mount Rack Enclosures

- Provide compact, locking storage for any equipment that should be off the floor, out of the way and secure

### SmartRack Cooling Solutions

- Thermal duct kits
- Fan-assisted heat removal units
- Portable, self-contained air conditioning units
- Energy-saving, row-based air conditioning units

### SmartRack Accessories

- Cable managers, rack shelves, mounting kits and more

## CONTROL & CONNECT

### KVM Switches & Rack Consoles

- Available with or without LCD consoles, Cat5 cabling, IP remote access and support for multiple users
- Up to 32 ports per 1U

### IP Console Servers

- Secure, multiuser in-band (primary) and out-of-band (fail-safe) remote access to all network- and serial-connected devices, including servers, switches, routers, firewalls, storage, phone systems, UPS systems and PDUs
- Up to 48 Cisco®-compatible RJ45 serial ports per 1U

### Network Power Management Tools

- Free PowerAlert network power management software
- UPS network cards with optional environmental sensors
- Network-connected PDUs

### Cables & Connectivity

- Cat5/5e/6/6a, Cat3, T1 and CX4 patch cables
- Singlemode, multimode and mode conditioning fiber-optic cables
- Network and fiber-optic patch panels
- RCA, VGA, DVI, HDMI & DisplayPort display cables
- Component video, audio, VGA, DVI & HDMI display extenders (including over Cat5 solutions)
- AC power cables
- Audio cables
- USB and FireWire® cables
- Computer and storage cables
- Adapters, splitters, switches and extenders

### Display Solutions

- Over Cat5 distance audio/video solutions
- Easy Pull display cables (ideal for conduit)
- Switches and splitters

### Keyspan Remote Controls & Adapters

- Presentation remote controls
- Multimedia remote controls
- USB/serial adapters

“Tripp Lite came through for us with their personalized service, their products and especially their turnaround time. They were amazing!”

*Allen Clasen, Director of Information Services,  
Oswego School District 308, Chicago Suburbs*



## TRIPP LITE IS THERE FOR YOU BEFORE AND AFTER YOUR PURCHASE

### Tripp Lite service advantages:

- A long history of providing responsive customer service
- Single-source, single-contact convenience for planning, ordering, delivery, service and support
- Free technical support from experienced staff available during school hours in U.S. time zones
- Dedicated specialists and reseller partners attuned to the unique needs and requirements of education customers
- Clear alternatives that allow you to balance technical requirements and budgetary realities
- Convenient contact via phone, Web, e-mail or chat – choose the method that works best for you
- Flexible support options, including preventative maintenance, extended warranties and on-site service

### We can help you:

- Define objectives and technical requirements
- Evaluate the installation site, including existing systems and infrastructure
- Examine systems to ensure they're correctly powered, protected and configured
- Audit power capacity requirements and right-size systems before consolidation, virtualization and other projects
- Plan airflow management and cooling for low-, medium- or high-density deployments
- Prepare for future infrastructure growth and evolving IT requirements
- Integrate new equipment with existing systems

**“More than anything, it was the quality of the people we dealt with that influenced our selection of Tripp Lite.”**

*Marty Mushrush, District Systems Administrator, Adams County School District 50, Colorado*



## CONTACT US FOR A CUSTOM SOLUTION!



773.869.1236



saleshelp@tripplite.com



www.tripplite.com/education

A W A R D - W I N N I N G T R I P P L I T E R E L I A B I L I T Y



### About Tripp Lite

Since 1922, Tripp Lite has established a global reputation for quality manufacturing, superior value and excellent service. Tripp Lite makes more than 2,500 products to power, protect, secure, cool, control and connect electronic equipment, including UPS systems, rack enclosures, cooling solutions, replacement batteries, power distribution units, surge suppressors, KVM switches, IP console servers, cables, adapters, display solutions, power strips, remote controls and inverters.

Distributed By:



**Tripp Lite World Headquarters**  
1111 W. 35th Street, Chicago, IL 60609 USA  
773.869.1236 • www.tripplite.com

