



SMARTPRO® 450 RT

INTELLIGENT NETWORK UPS SYSTEM



Versatile Cabinet Design

A new design concept makes the SmartPro 450 RT the most versatile UPS available. Adaptable to rackmount, wallmount, under-monitor and tower applications, the SmartPro 450 RT's innovative slim-line design occupies just 1U of rackmount space. Included brackets conveniently mount it on a wall or under a counter. Without brackets, it is a sleek under-monitor UPS that saves valuable desktop or counter space. In addition, battery access, controls and LEDs are all located on the front panel for easy access.

Efficient Operation

Efficient pulse-width-modulated output provides cooler operation inside rackmount enclosures, longer battery runtimes and extends battery life. This prevents equipment failure due to over-heating and provides more consistent output power. The SmartPro 450 RT also features convenient front panel hot swap battery replacement to ensure connected internetworking, PC or telecom equipment always stays up and running.

Automatic Voltage Regulation

The SmartPro 450 RT UPS system features AVR capability to keep your network equipment working though low voltage (brownouts) and high voltage indefinitely, without draining battery power. A built-in microprocessor continuously monitors incoming voltage levels. When low or high voltage is detected, the SmartPro 450 RT adjusts it to ensure your equipment receives only regulated, consistent 120V power. This feature eliminates long term degradation or "electronic rust" that can occur in equipment operated in unstable power environments over time.

Increased Reliability

Developed to support critical network loads, the SmartPro 450 RT UPS System features an intelligent microprocessor that controls all UPS functions. Using an advanced instruction set, this smart chip constantly monitors incoming power and environmental conditions and responds by supplying the most reliable power protection for your critical systems.

Complete Power Solution

The SmartPro 450 RT UPS system gives you everything you need to protect critical systems in a single box. PowerAlert® Software with complete cabling provides unattended shutdown and remote monitoring. An accessory slot and RS-232 port provide additional connectivity. Safeguarding against power problems has never been easier.

POWER PROTECTION FOR:

- Hubs
- Routers
- Bridges
- Switches
- Key Systems
- PCs

\$50,000 ULTIMATE Lifetime Insurance

FEATURE FOCUS

Accessory Slot

For optional SNMP, network management and connectivity products.

Slim Cabinet Design

Requires a single rack space (1U) when configured for rack use. Also ideal for under-monitor, wallmount or tower applications.

Battery Replacement Door

Allows battery maintenance to be performed while UPS is mounted or installed.

4 Front Panel LEDs

Illuminate constantly or flash to provide complete UPS power status information, including:

- AC Normal/AVR
- Backup/Low Battery
- Fault/Overload
- Replace Battery

Mounting Brackets

Can be removed or adjusted to convert UPS to rackmount, wall-mount, under-monitor or tower applications.

RS-232 Port

Provides unattended shutdown and remote UPS monitoring capability when used with included PowerAlert® Software.

“Fault” LED

Offers instant notification of site wiring problems.

Detachable AC Power Cord

Allows utilization of alternative cord lengths or twist lock plug types simply by swapping power cords.

Resettable Circuit Breaker

Protects your equipment against short circuits and system overload.

“Surge-Only” Outlet

Provides surge protection to equipment that does not require battery backup support.

4 UPS and Surge Protected Outlets

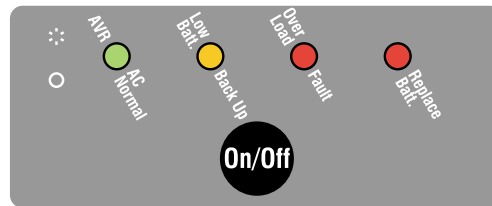
Offer long-lasting battery power during power failures, AVR during power fluctuations and complete AC surge and line noise protection.

Single Solution Protection for PCs and Peripherals

Many UPS systems have too few outlets or become overloaded when connected to a laser printer or other power-hungry peripheral. The SmartPro 450 RT features a unique surge-only outlet in addition to four UPS and surge protected outlets. Use the surge-only outlet to protect any power-hungry equipment—even laser printers—eliminating the need for an additional surge suppressor. During power outages, your critical equipment will receive battery backup power while your power-hungry peripheral is protected by reliable, multi-level surge protection.

Front Panel Power Condition Warnings

The SmartPro 450 RT microprocessor-controlled, dual function warning LEDs are conveniently located on the front of the unit's cabinet and illuminate constantly or flash to alert you to potential power problems before they affect your equipment.



AC Normal/AVR: Illuminates constantly to indicate the AC power at your wall outlet is normal. Flashes to indicate UPS is correcting low or high voltage to provide your equipment with safe 120V AC power.

Backup/Low Batt: Illuminates constantly to indicate UPS is providing your equipment with battery power during a blackout. Flashes to indicate low battery charge.

Fault/Overload: Illuminates constantly to indicate short circuit in the UPS or other fault. Flashes to indicate UPS's capacity has been exceeded.

Replace Batt: Illuminates constantly to indicate UPS has failed automatic self test and battery is less than fully charged.

Fault (on rear panel): Illuminates constantly to indicate a site wiring fault.

On/Off Switch: Turns UPS on or off, silences UPS alarm or allows cold start operation without line power.

SmartPro® 450 RT Runtime Chart

Internetworking Equipment	Quantity	Approximate VA	Typical Runtime
24 Port Ethernet Hub	1	42	125 min.
	2	84	70 min.
	3	126	36 min.
	4	168	21 min.
16 Port Ethernet 10/100 Auto-Sensing Switch	1	112	45 min.
	2	224	14 min.
	3	336	7 min.
Cisco 2500 Series Router	1	58	100 min.
	2	116	40 min.
	3	174	20 min.
	4	232	13 min.
Small Business Phone Systems		Approximate VA	Expected Runtime
Lucent Partner (2 cards)	1	126	36 min.
Nortel 8x24 with Voicemail	1	150	25 min.
PCs / Workstations	Monitor Size	Approximate VA	Expected Runtime
	14-15 in.	220	14 min.
	16-17 in.	280	9 min.

\$50,000 Ultimate Lifetime Insurance

\$50,000 Ultimate Lifetime Insurance covers connected equipment against surge damage, including direct lightning strikes...for life!

Model	Capacity (VA/Watts)	AC Receptacles (NEMA 5-15R)	Serial Ports RS-232	Input Plug Type	Dimensions H x W x D (inches)	Shipping Weight (lbs)
SMART 450 RT	450/270	5	1	NEMA 5-15P	1¾ x 17 x 11*	18½

*Dimensions do not include mounting brackets.

FOR MORE INFORMATION ON THIS AND OTHER TRIPP LITE UPS SYSTEMS FROM 280 VA TO 10 kVA, VISIT OUR WEBSITE: www.tripplite.com • 1111 West 35th Street, Chicago IL 60609 • Phone: (773) 869-1234

