



The Smart Choice for UPS Protection

Tripp Lite SmartPro and SmartOnline UPS

Systems offer the most reliable and cost-efficient solutions available for protecting and supporting mission-critical equipment in any environment.

Tripp Lite's superior-quality products,

unmatched customer support and 80-year

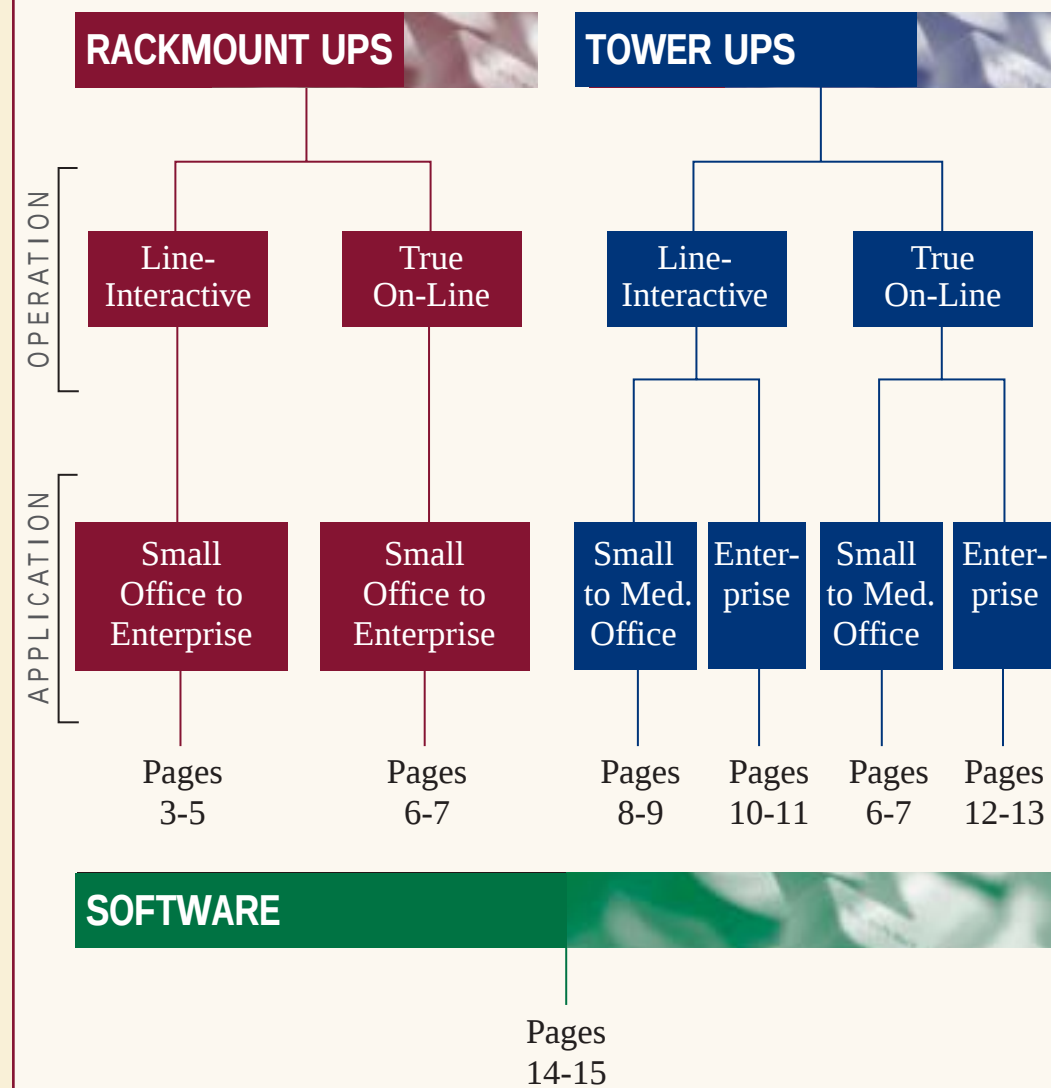
service history have built a trusted

reputation for reliability among

network managers worldwide.



Index Select the perfect UPS system by operation or application



Protect and Support Mission-Critical Equipment . . .

. . . More Reliably

Tripp Lite UPS Systems ensure the 100% availability of your mission-critical systems and continued productivity of your business:

- Support your system longer with more extended runtime options
- Include superior power management software that allows you to control any UPS, regardless of brand

. . . In Less Space

Tripp Lite UPS Systems feature greater power density (packing more VA capacity into smaller cabinets) conserving valuable rackmount or server room space:

- Occupy less "U" rack spaces (rackmount)
- Occupy less floor or desk space (tower)

. . . For Less Money

Tripp Lite UPS Systems reduce your initial investment and speed your payback period by including premium features often offered as expensive extras on competitors' UPS systems:

- Save hundreds of dollars in accessory costs by providing more communication ports, more outlet configurations and individually controllable outlets on select models



RACKMOUNT UPS

RACKMOUNT UPS RACKMOUNT UPS RACKMOUNT UPS

SmartPro®

Intelligent Line-Interactive UPS Systems



SMART1000RM1U



SMART3000RM2U Optional black bezel available.



SMART5000RT3U Optional black bezel available.

► 450 – 5,000 VA

► Extended Runtime Options

On-line solutions? See pages 6 - 7.

Application:

SMALL OFFICE to ENTERPRISE

Conserve Space—Slim as 1U!

New Tripp Lite SmartPro Slim Rackmount UPS Systems make the best use of available rack space by providing more battery backup (up to 5000VA) and premium product features in a compact case—as slim as 1U! Select models are compact and shallow enough to allow users to mount two UPS systems (or a UPS and external battery pack) back-to-back to double the power protection in the same rack space.



3000VA UPS (front) and extended run external battery pack (rear)—only 2U

Protect Every Application

Whatever your application, there's a SmartPro Slim Rackmount solution designed for you—from 450VA models to protect hubs, routers and internetworking equipment to 5000VA models to protect critical servers and telecom equipment. SmartPro Rackmount UPS Systems offer everything you need to protect rackmount equipment in a single box. SmartPro provides complete protection against all types of power problems (brownouts, blackouts, surges and line noise). Line-interactive operation—also known as automatic voltage regulation (AVR)—supports your equipment during brownouts.* SmartPro UPS Systems provide reliable battery power to keep networks up safely through short blackouts and allow enough time to safely shut down during longer ones. In addition, all AC outlets stop damaging lightning and surges and filter disruptive line noise, guaranteed with up to \$50,000 Ultimate Lifetime Insurance.

* SMART700RM1U and SMART1000RM1U models supply battery power during brownouts.

Protect Telecom Applications

Protect large 208V telecom equipment and servers with a specially designed SmartPro Rackmount UPS System—SMART5000TEL3U. The SMART5000TEL3U allows you to power and protect multiple pieces of high-voltage equipment from a single 208V circuit. In addition, the SMART5000TEL3U features two 120V receptacles which supply up to 400VA of battery power, plenty of runtime to support the low-power monitors and peripherals which serve the high-voltage equipment.

Control Individual Outlets

Prioritize the uptime of your most mission-critical loads during a power failure. Select models feature special receptacles that you control independently through PowerAlert Software. Program PowerAlert to reboot a locked up computer or to shut down less important systems, preserving battery runtime for more critical equipment.

Additional SmartPro features: see pages 4 and 5.

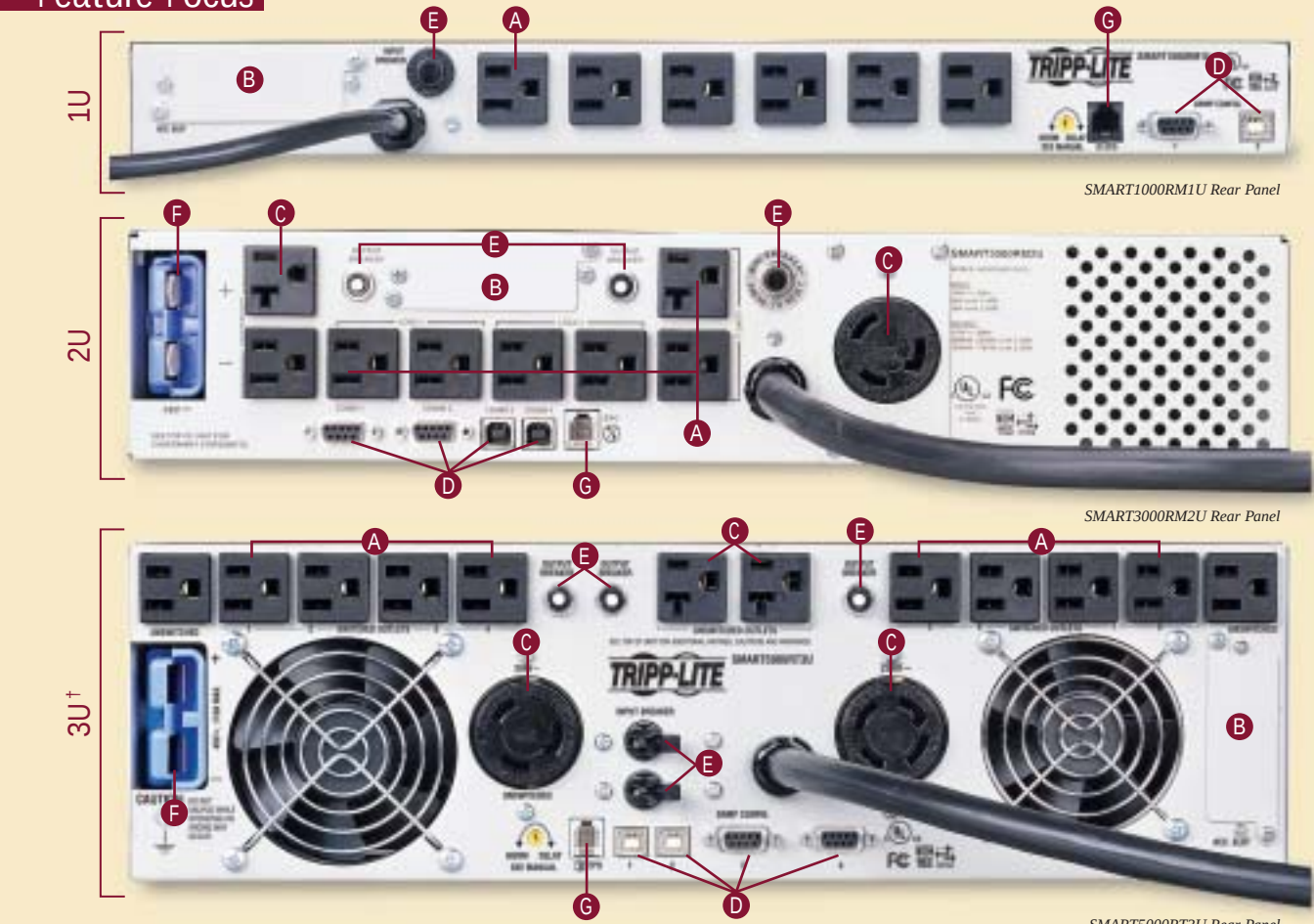
A W A R D - W I N N I N G T R I P P L I T E R E L I A B I L I T Y



"I found Tripp Lite's product quality and customer support to be head-and-shoulders above the field."
Kraft Foods Alane Watkins, Systems Administrator



Feature Focus



A Customized Load Management
Prioritize the uptime of your most mission-critical loads during a power failure. Select models feature special receptacles that you control independently through PowerAlert Software. Program PowerAlert to reboot a locked up computer or to shut down less important systems, preserving battery runtime for more critical equipment.

B NMS Integration
Accessory slot on all Slim Rackmount models accepts optional internal SNMP/Web Card* for remote shutdowns, reboots and more. Use card with optional environmental sensor** to remotely monitor environmental conditions (temperature and humidity) or to control and monitor alarm/security systems. Dry contact interface works with most alarm, security and telecom devices.

C Variety of Output Options
15-, 20- and 30-amp receptacles on select models ensure maximum connection flexibility.

D Multiple Server Support
Up to four built-in communication ports on select models simultaneously provide shutdown commands and reporting on multiple servers without the need for costly accessories.

Up to 17 Performance Conditions Displayed



Front panel LEDs alert you to 17 separate performance conditions, including battery charge, AC line voltage, automatic voltage regulation, UPS load, replace battery and line fault.

E Short Circuit Protection
Breakers safeguard your equipment and the UPS from damage due to input/output short circuits.

F Expandable Battery Capability
Select models feature connectors to accept optional external battery packs for additional runtime. See Extended Runtime Chart on page 5 to locate the perfect SmartPro model that fits your runtime needs.

G Emergency Power Off
RJ11 modular jack on select models allows remote emergency shutdown.

Convenient Front Panel Battery Replacement



Tripp Lite UPS batteries will constantly protect your equipment for up to six years with normal use. Removable front panel access saves the hassle of uninstalling and returning the UPS for battery replacement and service. Optional black bezel available.

† Rack space occupied by SMART5000RT3U power module only. Requires installation of BP48V60RT-3U external battery pack, included, which occupies an additional 3U rack space.

Adapt to Tower or Rackmount



Adapt select models* from rackmount to stack, wallmount or tower applications. Included brackets conveniently mount these UPS on a wall, in a rack enclosure or under a counter.

- Removable rack hardware
- Optional base stands
- Optional black bezel available

*SMART450RT, SMART1400RM2U, SMART2200RM2U and SMART3000RM2U.

Manage Up to 4 Servers

Manage up to four servers simultaneously at no extra cost with multiple built-in communication ports. Using PowerAlert Software, SmartPro Rackmount UPS Systems will simultaneously provide intelligent communication, shutdown commands and reporting on up to four servers even if they are running different operating systems.*

* Additional PowerAlert features: pages 14 and 15.

Extend Runtime

Without enough runtime, you stand to lose up to \$50,000 per hour according to a recent Yankee Group survey on the cost of lost productivity for an hour of network downtime. Select SmartPro Slim Rackmount models accept additional external battery packs to provide all the runtime you need!*

* Additional Extended-Run solutions up to 10kVA are available: pages 6 – 7 (rackmount); pages 10 – 13 (tower).



Extending runtime is as simple as plugging in additional external battery packs

EXTENDED RUNTIME CHART	Load (VA/Watts)	Runtime (minutes) with included batteries*	Runtime (minutes) with additional external battery packs				
			BP48V24-2U Battery** 1	BP48V60RT-3U Battery**			
				1	2	3	4
	SMART1400RMXL2U Extended Runtime						
	700/490	30	122	264	530	773	1025
	1400/940	12	55	130	272	399	531
	SMART2200RM2U Extended Runtime						
	1100/770	20	73	167	343	502	667
	2200/1600	8	28	74	165	243	328
	SMART3000RM2U Extended Runtime						
	1500/1125	13	49	119	252	369	494
	3000/2250	4	10	34	93	139	184
	SMART5000RT3U Extended Runtime						
	2500/1750	38	N/A	86	138	195	240
	5000/3500	16	N/A	36	64	86	109
* SMART5000RT3U models do not include internal batteries; they include an external battery pack, standard.							
** BP48V24-2U is not expandable; BP48V60RT-3U is expandable (allowing multiple cabinets to be connected together).							
Call Tripp Lite's Application Specialists at (773) 869-1236 for additional extended runtime solutions to fit your specific load requirements.							

Model	Output Capacity (VA/Watts)	Backup Time (Typical Minutes) Half/Full Load*	Rack Space	Input/ Output Voltage/ Frequency (Hz)	AC Receptacles		Customized Load Management Receptacles	“Smart” Communication Ports		Input Plug (NEMA)	Power Cord Length (ft)	Dimensions H x W x D (in)***	Shipping Weight (lb)
					Quantity	NEMA Type		RS-232 (DB9)	USB (B)				
Slim Rackmount UPS Systems													
SMART450RT	450/270	14/4	1U	120 (60)	5**	5-15R	—	1	—	5-15P	6	1.75 x 17 x 11	18.5
SMART700RM1U	700/450	18/7	1U	120 (60)	6	5-15R	—	1	—	5-15P	10	1.75 x 17 x 16	23
SMART1000RM1U	1000/700	13/5	1U	120 (60)	6	5-15R	1 single	1	1	5-15P	10	1.75 x 17 x 16	25
SMART1400RM2U	1400/940	30/12	2U	120 (60)	8	5-15R	1 single	1	1	5-15P	10	3.5 x 17 x 15.5	49
SMART1400RMXL2U	1400/940	30/12 +	2U	120 (60)	8	5-15R	2 single	2	2	5-15P	10	3.5 x 17 x 15.5	57
SMART2200RM2U	2200/1600	20/8 +	2U	120 (60)	8	6 (5-15R), 2 (5-20R)	3 pairs	2	2	5-20P	10	3.5 x 17 x 15.5	59
SMART3000RM2U	3000/2250	13/4 +	2U	120 (60)	9	6 (5-15R), 2 (5-20R), 1 (L5-30R)	3 pairs	2	2	L5-30P	10	3.5 x 17 x 15.5	61
SMART5000RT3U	5000/4000	38/16 +	3U (power module) & 3U (battery pack)	208/240 (In); 208 & 120 (Out) (60)	14	10 (5-15R), 2 (5-20R), 1 (L6-30R), 1 (L14-30R)	8 single	2	2	L6-30P	10	5.25 x 17.5 x 22.5 (power module) & 5.25 x 17.5 x 22.5 (battery pack)	121(power module) & 170(battery pack)
SMART5000TEL3U	5000/3750	16/6	3U (including internal batteries)	208/240 (In); 208 & 120 (400VA max.) (Out) (60)	5	2 (5-15R), 2 (L6-20R), 1 (L6-30R)	2 single	2	2	L6-30P	10	5.25 x 17 x 22.5	85
Model	Output Capacity (VA/Watts)	Backup Time (Typical Minutes) Half/Full Load*	Rack Space	Input/ Output Voltage/ Frequency (Hz)	AC Receptacles		Customized Load Management Receptacles	Communication Ports “Smart”		Input Plug (NEMA)	Power Cord Length (ft)	Dimensions H x W x D (in)***	Shipping Weight (lb)
Rackmount UPS Systems													
SMART700RM	700/450	28/12	3U	120 (60)	8	5-15R	—	1	—	5-15P	6	5.25 x 15.75 x 10.5	32
SMART1050RM	1050/680	23/8	3U	120 (60)	8	5-15R	—	1	—	5-15P	6	5.25 x 15.75 x 10.5	38
SMART1400RM	1400/940	26/10	3U	120 (60)	8	5-15R	1	1	1	5-15P	6	5.25 x 15.75 x 10.5	43
SMART2200RM	2200/1700	29/13 +	4U	120 (60)	8	5-15R	2	1	2	5-15P	8	7 x 14.75 x 17.75	96
SMART2200RMXL	2200/1700	29/13 +	4U	120 (60)	8	6 (5-15R), 2 (5-20R)	2	1	2	5-20P	8	7 x 14.75 x 17.75	104
SMART3000RM	3000/2400	23/7 +	4U	120 (60)	8	4 (5-15R), 4 (5-20R)	2	1	2	L5-30P	8	7 x 14.75 x 17.75	105

External Battery Packs													
BP48V24-2U	48V standard run external battery pack and cables, 2U rack space (for SMART1400RMXL2U, SMART2200RM2U and SMART3000RM2U models)											3.5 x 17.25 x 12.75	70
BP48V60RT-3U	48V extended run external battery pack and cables, 3U rack space, rack/tower mount (for SMART1400RMXL2U, SMART2200RM2U, SMART3000RM2U and SMART5000RT3U models)											5.25 x 17.5 x 22.5	170
BP24V33	24V standard run external battery pack and cables, tower mount. Requires BP-RM to rackmount (for SMART2200RM, SMART2200RMXL and SMART3000RM models)											8 x 11.5 x 13	66

Accessories													
PAM1	Power accessory module for SMART5000RT3U (provides a variety of outlet configurations including 20- and 30-amp twist lock)												8
BP-RM	5U rackmount shelf. Holds BP24V33 battery pack											8.75 x 19 x 13.5	7
SNMPWEBCARD	Internal SNMP/Web management accessory card (connects all Slim Rackmount UPS systems to Ethernet)												
ENVIROSENSE	Allows UPS to monitor external temperature/humidity and contact-closure inputs (requires SNMPWEBCARD)												
2USTAND	Tower kit with 2 base stands (for SMART1400RM2U, SMART1400RMXL2U, SMART2200RM2U and SMART3000RM2U models)												

+ Backup times are expandable using external battery packs. * Backup times will vary depending on battery condition and load. ** Includes 1 “surge-only” receptacle to protect printers, scanners or other peripherals that do not require battery backup. *** All models are designed with mounting hardware to fit standard 19 in. racks. Model widths are for the UPS case only, without mounting hardware. The policy of Tripp Lite is one of continuous improvement. Specifications are subject to change without notice.

Complete 230 Volt model line and detailed 120 Volt specifications available: www.tripplite.com/info/smart

SmartOnline™

Intelligent True On-Line UPS Systems



Application:

SMALL OFFICE to ENTERPRISE

Deliver True On-Line Operation

SmartOnline UPS Systems provide mission-critical equipment with the highest level of power protection for rackmount systems. Dual-conversion technology continually converts incoming AC power into filtered DC power, and then resynthesizes it back into AC power with a pure sine wave. Constant on-line operation completely isolates sensitive equipment from every power problem on the AC line. SmartOnline models accept the widest range of incoming voltage and frequency variations, generating the most consistently pure AC power ($\pm 2\%$ V and ± 0.2 Hz).

SmartOnline UPS Systems provide reliable battery power to keep networks up safely through short blackouts and allow enough time to safely shut down during longer ones.

In addition, all AC outlets stop damaging lightning and surges and filter disruptive line noise, guaranteed with up to \$100,000 Ultimate Lifetime Insurance.

Control Individual Outlets

Prioritize the uptime of your most mission-critical loads during a power failure. Select models feature special receptacles that you control independently through PowerAlert Software. Program PowerAlert to reboot a locked up computer or to shut down less important systems, preserving battery runtime for more critical equipment.

Manage Multiple Servers

Manage up to two servers simultaneously at no extra cost with multiple built-in communication ports. Using PowerAlert Software, SmartOnline UPS Systems will simultaneously provide intelligent communication, shutdown commands and reporting on up to two servers—even if they are running different operating systems.*

* Additional PowerAlert features: pages 14 and 15.

TRUE ON-LINE

- ▶ 1,000 – 6,000 VA
- ▶ Extended Runtime Options

On-line solutions to 10kVA? See pages 12 and 13.



September 25, 2001
Tripp Lite UPS System
Model: *SU2200RT2U*

PC
MAGAZINE
EDITORS'
CHOICE

September 25, 2001

Tripp Lite UPS System
Model: SU2200RT2U

"After weeks of testing, we favored the Tripp Lite SmartOnline 2200 Rack/Tower 2U, which incorporates all the features you could want at an astonishingly low price. For just \$1,100 (street), you get the power you need—2.2 kVA—in a slim rackmount package that does not compromise serviceability. Best of all, the software package is one of the most versatile we tested."

PC Magazine Editor's Choice Award Logo is a trademark of Ziff Davis Publishing Holdings Inc. Used under license.

Adapt to Tower or Rackmount

Adapt select models from rackmount to stack or tower applications. Included base stands transform select SmartOnline models into slim tower models.

- Removable rack hardware
- Included base stands



Optional tower mount

Feature Focus



- A Customized Load Management**
Independently control special receptacles through PowerAlert Software, shutting down less important systems first, preserving battery runtime for more critical equipment.
 - B NMS Integration**
Accessory slot accepts an optional internal SNMP/ Web card* for remote shutdowns, reboots and more. Use card with optional environmental sensor** to remotely monitor environmental conditions or to control alarm/security systems.
*Model: SNMPWEBCARD. ** Model: ENVIROSENSE.
 - C Variety of Output Options**
15-, 20- and 30-amp receptacles ensure maximum connection flexibility. Optional step-down transformer provides 120 volt power from SU6000RT3U models.
 - D Multiple Server Support**
Up to two built-in communication ports on select models simultaneously provide shutdown commands and reporting on multiple servers.
 - E Expandable Battery Capability**
All models feature connectors to accept optional external battery packs for additional runtime.
 - F Short Circuit Protection**
Critical Performance Conditions Displayed (not shown)
Front panel LEDs or digital LCD display alert you to battery charge, AC line voltage, UPS load, replace battery, line fault and more.
Emergency Power Off Jack (not shown)
SU6000RT3U models allow remote shutdown.
Convenient Front Panel Battery Replacement (not shown)
SU1000RT2U, SU2200RT2U and SU3000RT3U feature a convenient front access door.

Extend Runtime

Without enough runtime, you stand to lose up to \$50,000 per hour according to a recent Yankee Group survey on the cost of lost productivity for an hour of network downtime. SmartOnline models accept external battery packs to provide all the additional runtime you need!*

* Extended-run on-line solutions up to 10kVA are available on pages 12 – 13.

EXTENDED RUNTIME CHART

Load (VA/Watts)	Runtime (minutes) with included batteries*	Runtime (minutes) with additional external battery packs				
		1	2	3	4	5
SU1000RT2U Extended Runtime (with BP36V14-2U battery pack)						
500/400	18	89	163	237	313	388
1000/800	6	37	74	110	150	189
SU2200RT2U Extended Runtime (with BP72V12-2U battery pack)						
1100/800	18	51	103	140	190	322
2200/1600	6	14	39	53	81	143
SU3000RT3U Extended Runtime (with BP72V12-2U battery pack)						
1500/1050	17	37	63	86	109	128
3000/2100	6	17	28	37	48	63
SU6000RT3U Extended Runtime (with BP240V7RT3U battery pack)						
3000/2100	24	57	90	118	165	195
6000/4200	10	24	40	57	73	90

*SU6000RT3U models do not include internal batteries; they include an external battery pack, standard.
Call Trip Lite's Application Specialists at (773) 869-1236 for additional extended runtime solutions to fit your specific load requirements.

 US	Output Capacity (VA/ Watts)	Backup Time (Typical Minutes) Half/ Full Load*	Rack Space	Input/ Output Voltage/ Frequency (Hz)	Quantity	AC Receptacles NEMA Type	Customized Load Management Receptacles	Communication Ports "Smart" RS-232 (DB9) Contact Closure (DB9)		Input Plug (NEMA)	Power Cord Length (ft)	Dimensions H x W x D (in)***	Shipping Weight (lb)
UPS Systems													
SU1000RT2U	1000/800	18/6 +	2U	120 (50/60)	6	5-15R	6	1	—	5-15P	10	3.5 x 17.5 x 17	62
SU2200RT2U	2200/1600	18/6 +	2U	120 (50/60)	6	4 (5-15R), 2 (5-20R)	6	1	—	5-20P	10	3.5 x 17.5 x 26	99
SU3000RT3U	3000/2100	17/6 +	3U	120 (50/60)	9	4 (5-15R), 4 (5-20R), 1 (L5-30R)	8	1	1	L-5-30P	10	5.2 x 17.3 x 20.1	87
SU6000RT3U	6000/4200	24/10 +	3U (power module)& 3U (battery pack)**	200/208/ 220/ 230/240 (50/60)	Hardwire	Hardwire	—	1	1	Hardwire	Hardwire	5.25 x 17.5 x 22.75 (power module) 5.25 x 17.5 x 22.75 (battery pack)	58 (power module) & 170 (battery pack)
External Battery Packs and Accessories													
BP36V14-2U	36V external battery pack and cables, 2U rack space (for SU1000RT2U model only)											54	
BP72V12-2U	72V external battery pack and cables, 2U rack space (for SU2200RT2U and SU3000RT3U models only)											59	
BP240V7RT3U	240V external battery pack and cables, 3U rack space (for SU6000RT3U model only)											170	
ENVIROSENSE	Allows UPS to monitor external temperature/humidity and contact-closure inputs (requires SNMPWEBCARD)												
SNMPWEBCARD	Internal SNMP/Web management accessory card (connects UPS systems to Ethernet)												
SU6000XFMRT3U	Step-down transformer for SU6000RT3U model only. 3U rackmount. 200-240V hardware input. 120 & 240V hardware output											120	

+ Backup times are expandable using external battery packs. * Backup times will vary depending on battery condition and load. ** SU6000RT3U models feature a separate 3U rackmount power module and 3U rackmount battery module (included). *** All models are designed with mounting hardware to fit standard 19 in. racks. Model widths are for the UPS case only, without mounting hardware. The policy of Tripp Lite is one of continuous improvement. Specifications are subject to change without notice.

Complete 230 Volt model line and detailed 120 Volt specifications available: www.tripplite.com/info/smart



"All of our Tripp Lite products have performed flawlessly."
Movie Gallery Ben Harris, System Administrator



SmartPro® USB, NET & XL

Intelligent Line-Interactive UPS Systems



Application:
SMALL to MEDIUM OFFICE

Match Every Installation Size

Whatever size network environment you manage, the SmartPro family of UPS systems has the perfect power protection solution. From a single server in small-office/home-office environments to multiple servers in large departmental and telecom installations, choose SmartPro to protect your computer investment and maintain your productivity.

Offer Plenty of Room to Grow

As your network grows, SmartPro UPS Systems provide plenty of protected AC outlets and VA capacity to accommodate your entire system. Included PowerAlert Software and cabling provide additional flexibility as you add diverse servers, operating systems and UPS systems. PowerAlert supports all major operating systems and controls every UPS system, regardless of manufacturer.*

* Additional PowerAlert features: pages 14 and 15.

Protect Every Application

SmartPro UPS Systems offer everything you need to protect servers in a single box. SmartPro provides complete protection against all types of power problems (brownouts, blackouts, surges and line noise).

Prolonged exposure to fluctuating voltage levels can degrade electronic equipment over time. SmartPro UPS Systems feature a built-in microprocessor to monitor incoming voltage and adjust it when necessary to provide connected equipment with nominal computer-grade AC power. Line-interactive operation—also known as automatic voltage regulation (AVR)—keeps network equipment working through low voltage (brownouts) and high voltage indefinitely, without draining battery power. SmartPro UPS Systems provide reliable battery power to keep networks up safely through short blackouts and allow enough time to safely shut down during longer ones. In addition, all AC outlets stop damaging lightning and surges and filter disruptive line noise, guaranteed with up to \$50,000 Ultimate Lifetime Insurance.

► 500 – 5,000 VA

► Extended Runtime Options

Rackmount solutions? See pages 3 – 5.

Control Individual Outlets

Prioritize the uptime of your most mission-critical loads during a power failure. Select models feature special receptacles that you control independently through PowerAlert Software. Program PowerAlert to reboot a locked up computer or to shut down less important systems, preserving battery runtime for more critical equipment.

Manage Up to 4 Servers

Manage up to four servers simultaneously at no extra cost with multiple built-in communication ports. Using PowerAlert Software, SmartPro UPS Systems will simultaneously provide intelligent communication, shutdown commands and reporting on up to four servers even if they are running different operating systems. Many competitive manufacturers offer multiple server control only by adding expensive accessories.

Feature Focus

A Customized Load Management

Prioritize the uptime of your most mission-critical loads during a power failure. Select models feature special receptacles that you control independently through PowerAlert Software. Program PowerAlert to shut down less important systems first, preserving battery runtime for more critical equipment.

B Multiple Server Control

Up to four built-in communication ports on select models simultaneously provide shutdown commands and reporting on multiple servers without the need for costly accessories.

C Expandable Battery Capability

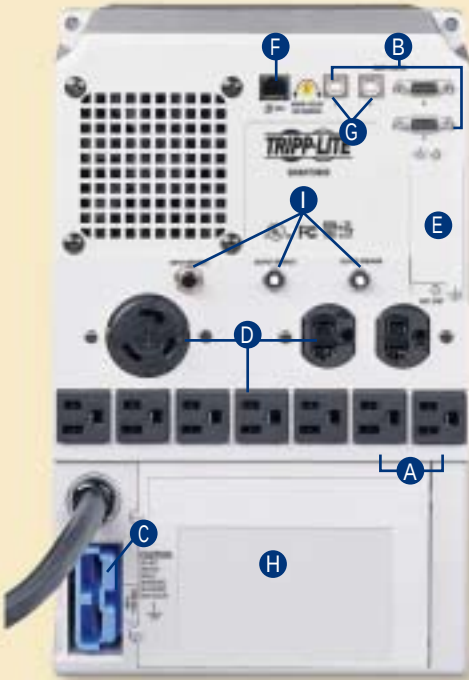
Select models feature connectors to accept optional external battery packs for additional runtime.

D Variety of Output Options

15- 20- and 30-amp receptacles ensure maximum connection flexibility.

E NMS Integration

Accessory slot on SMART2200, SMART3000, SMART5000RT3U and SMART5000TEL3U models accepts optional internal SNMP/Web Card* for remote shutdowns, reboots and more. Use card with optional environmental sensor** to remotely monitor environmental conditions or to control alarm/security systems. Dry contact interface works with most alarm, security and telecom devices.
* Model: SNMPWEBCARD. ** Model: ENVIROSENSE.



SMART3000 Rear Panel

F Emergency Power Off

RJ11 modular jack on SMART2200, SMART3000, SMART5000RT3U and SMART5000TEL3U models allows remote emergency shutdown.

G USB Support

Select models include built-in USB ports to provide shutdown commands and reporting on USB computers without the need for costly accessories.

H Convenient Battery Replacement

Tripp Lite UPS batteries will constantly protect your equipment for up to six years with normal use. The convenient access door saves the hassle of returning the UPS for battery replacement and service.

I Short Circuit Protection

Up to 17 Separate Performance Conditions Displayed



Front panel LEDs alert you to 17 separate performance conditions, including battery charge, AC line voltage, automatic voltage regulation, UPS load, replace battery and line fault.

Modem/Fax Surge Protection (not shown)

SMART500USB and SMART700USB include built-in RJ11 jacks to protect computers connected to the Internet against surge damage.

Dedicated Peripheral Protection (not shown)

SMART500USB and SMART700USB feature three unique "surge-only" outlets, protecting all your equipment (including peripherals) with one UPS.

Extend Runtime

Without enough runtime, you stand to lose up to \$50,000 per hour according to a recent Yankee Group survey on the cost of lost productivity for an hour of network downtime. Select models accept external battery packs to provide all the additional runtime you need!

EXTENDED RUNTIME CHART

Load (VA/Watts)	Runtime (minutes)	Runtime (minutes) with additional external battery packs				
	with included batteries	1	2	3	4	5
SMART1400XL Extended Runtime (with BP36V27 battery pack)						
700/490	25	117	224	333	446	557
1400/940	10	55	108	170	226	282
SMART2200 and SMART3000 Extended Runtime (with BP48V24 battery pack)						
1000/700	29	176	323	469	616	763
1400/980	20	120	220	320	420	520
2200/1600	11	66	121	176	231	286
3000/2250	6	36	66	96	126	156
Call Tripp Lite's Application Specialists at (773) 869-1236 for additional extended runtime solutions to fit your specific load requirements.						

	Output Capacity (VA/Watts)	Backup Time (Typical Minutes)	Input/ Output Voltage/ Frequency (Hz)	AC Receptacles		Customized Load Management Receptacles	Modem/ Fax Port (RJ11)	Communication Ports		Input Plug (NEMA)	Power Cord Length (ft)	Dimensions H x W x D (in)	Shipping Weight (lb)
		Full Load*		Quantity	NEMA Type			“Smart” RS-232 (DB9) or USB (B)	Contact Closure (DB9)				
UPS Systems for Small-Office/Home-Office Workstation or Server													
SMART500USB	500/300	17/5	120 (60)	6	3 UPS/3 surge-only, 5-15R	—	1-line	1 (USB)**	—	5-15P	6	8.25 x 4.75 x 7	15.5
SMART700USB	700/450	17/5	120 (60)	6	3 UPS/3 surge-only, 5-15R	—	2-line	1 (USB)**	—	5-15P	6	10.25 x 4.75 x 7	20.5
SMART700	700/450	20/6	120 (60)	6	5-15R	—	—	1 (DB9)	—	5-15P	6	11.75 x 7 x 7.25	24
UPS Systems for Departmental Server													
SMART1050	1050/680	23/8	120 (60)	6	5-15R	—	—	1 (DB9)	—	5-15P	6	11.75 x 7 x 7.25	34
SMART1400	1400/940	25/10	120 (60)	6	5-15R	1	—	1 (DB9)	1	5-15P	6	12.5 x 7.5 x 8.75	48
SMART1400XL	1400/940	25/10+	120 (60)	6	5-15R	1	—	2 (DB9)	—	5-15P	6	12.5 x 7.5 x 8.75	51
UPS Systems for Multiple Servers in Large Departmental/Telecom Installations													
SMART2200	2200/1600	23/11+	120 (60)	9	7 (5-15R); 2 (5-20R)	2	—	2 (DB9) & 2 (USB)	—	5-20P***	8	14.12 x 9.12 x 11.52	57
SMART2200XLNET	2200/1700	28/11+	120 (60)	6	4 (5-15R); 2 (5-20R)	2	—	1 (DB9)	2	5-20P	8	14.12 x 9.12 x 11.52	91
SMART3000	3000/2250	17/6+	120 (60)	10	7 (5-15R); 2 (5-20R); 1 (L5-30R)	2	—	2 (DB9) & 2 (USB)	—	L5-30P***	8	14.12 x 9.12 x 11.52	61
SMART5000RT3U	5000/4000	38/16+	208/240 (In); 208 & 120 (Out) (60)	14	10 (5-15R), 2 (5-20R), 1 (L6-30R), 1 (L14-30R)	8	—	2 (DB9) & 2 (USB)	—	L6-30P	10	5.25 x 17.5 x 22.5 (power module) 5.25 x 17.5 x 22.5 (battery pack)	121 (power module) & 170 (battery pack)
SMART5000TEL3U	5000/3750	16/6	208/240 (In); 208 & 120 (400VA max.)(Out) (60)	5	2 (5-15R), 2 (L6-20R), 1 (L6-30R)	2	—	2 (DB9) & 2 (USB)	—	L6-30P	10	5.25 x 17.5 x 22.5 with internal batteries	85
External Battery Packs and Accessories													
BP24V33	24V external battery pack and cables (for SMART2200XLNET only)											8 x 11.5 x 13	66
BP36V27	36V external battery pack and cables (for SMART1400XL only)											13.5 x 14.5 x 21.5	60
BP48V24	48V external battery pack and cables (for SMART2200 and SMART3000 only)											7.25 x 8.5 x 16.25	74
BP48V60RT-3U	48V external battery pack and cables, rack/tower mount (for SMART5000RT3U only)											5.25 x 17.5 x 22.5	170
ENVIROSENSE	Allows UPS to monitor external temperature/humidity and contact-closure inputs (requires SNMPWEBCARD)												
SNMPWEBCARD	Internal SNMP/Web management accessory card (connects compatible UPS systems to Ethernet)												

+ Backup times are expandable with additional external battery packs. * Backup times will vary depending on battery condition and load. ** The USB ports on SMART500USB and SMART700USB models provide intelligent "smart" communications with a limited list of PowerAlert features. Contact Tripp Lite for details. *** SMART2200 includes separate 5-15P plug, and SMART3000 includes separate 5-20P plug. The policy of Tripp Lite is one of continuous improvement. Specifications are subject to change without notice.

Complete 230 Volt model line and detailed 120 Volt specifications available: www.tripplite.com/info/smart

SmartPro® DataCenter™ & SmartPro® XL

Intelligent Line-Interactive Network UPS Systems



- ▶ 1,400 – 5,000 VA
- ▶ Extended Runtime

On-line solutions? See pages 12 and 13.

Application:
ENTERPRISE

Extend Runtime

Without enough runtime, you stand to lose up to \$50,000 per hour according to a recent Yankee Group survey on the cost of lost productivity for an hour of network downtime. All models feature connectors to accept external battery packs to provide all the additional runtime you need! Locate your planned load and optimal runtime on the charts below.



Extending runtime is as simple as plugging in additional external battery packs

Control Individual Outlets

Prioritize the uptime of your most mission-critical loads during a power failure. Select models feature special receptacles that you control independently through PowerAlert Software. Program PowerAlert to reboot a locked up computer or to shut down less important systems, preserving battery runtime for more critical equipment.

Manage Up to 4 Servers

Manage up to four servers simultaneously at no extra cost with multiple built-in communication ports. Using PowerAlert Software, SmartPro UPS Systems provide shutdown commands and reporting on up to four servers—even if they are running different operating systems.*

* Additional PowerAlert features: pages 14 and 15.

Protect Every Application

SmartPro UPS Systems offer everything you need to protect mission-critical equipment in a single box. SmartPro UPS Systems feature a built-in microprocessor to monitor incoming voltage and adjust it when necessary to provide nominal computer-grade AC power. Line-interactive operation—also known as automatic voltage regulation (AVR)—keeps equipment working through low voltage (brownouts) and high voltage without draining battery power. SmartPro UPS Systems provide reliable battery power to keep networks up through short blackouts and allow enough time to safely shut down during longer ones. In addition, all AC outlets stop damaging lightning and surges and filter disruptive line noise, guaranteed with up to \$75,000 Ultimate Lifetime Insurance.

EXTENDED RUNTIME CHART	Load (VA/Watts)	Runtime (minutes) with included batteries*	Runtime (minutes) with additional external battery packs				
			1	2	3	4	5
	SMART1400XL Extended Runtime (with BP36V27 battery pack)						
	700/490	25	117	221	333	446	557
	1400/940	10	55	108	170	226	282
SMART2200 and SMART3000 Extended Runtime (with BP48V24 battery pack)							
	1000/700	29	176	323	469	616	763
	1400/980	20	120	220	320	420	520
	2200/1600	11	66	121	176	231	286
	3000/2250	6	36	66	96	126	156

EXTENDED RUNTIME CHART	Load (VA/Watts)	Runtime (minutes) with included batteries*	Runtime (minutes) with additional external battery packs				
			1	2	3	4	5
	SMARTDC5000 and SMARTDC5000HW Extended Runtime (with BP36VXR battery pack)						
	2500/1750	42	60	96	126	156	192
	5000/3500	18	25	37	49	62	78
SMARTDC5000XR and 5000HWXR Extended Runtime (with BP36VXR battery pack)							
	2500/1750	108	194	270	348	426	504
	5000/3500	42	78	114	156	192	234

* SMARTDC models do not include internal batteries; they include an external battery pack, standard. Call Tripp Lite's Application Specialists at (773) 869-1236 for additional extended runtime solutions to fit your specific load requirements.

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



"Tripp Lite protected us in a situation we weren't expecting."
Union Pacific Jerry Mann, Project Engineer



Feature Focus

Customized Load Management (not shown)

Select models feature special receptacles that you control independently through PowerAlert Software. Program PowerAlert to shut down less important systems first, preserving battery runtime for more critical equipment.

A Multiple Server Control

Up to four built-in communication ports on select models simultaneously provide shutdown commands and reporting on multiple servers without the need for costly accessories.

B Expandable Battery Capability

All models feature connectors to accept optional external battery packs for additional runtime. See Extended Runtime Chart. "Hot-Swap" capability allows you to expand runtime while keeping systems up and running.

C Variety of Output Options

15-, 20- and 30-amp receptacles on select models ensure maximum connection flexibility.

D Maintenance-Bypass Switch

Ensures zero downtime during hot-swap battery replacement. (SmartPro DataCenter models only.)

E System-Enable Switch

Maintains battery charge during storage. (SmartPro DataCenter models only.)

F Short Circuit Protection

Breakers on select models protect against system overloads.



SMARTDC5000 Rear Panel

Up to 18 Performance Conditions Displayed

Front panel LEDs alert you to 18 separate performance conditions, including battery charge, AC line voltage, automatic voltage regulation, UPS load, replace battery and line fault.



NMS Integration (not shown)

Accessory slot in SMART2200, SMART3000, SMART5000RT3U and SMART5000TEL3U models accepts optional internal SNMP/Web Card* for remote shutdowns, reboots and more. Use card with optional environmental sensor** to remotely monitor environmental conditions or to control alarm/security systems.

* Model: SNMPWEBCARD. ** Model: ENVIROSENSE.

Emergency Power Off (not shown)

RJ11 modular jack on SMART2200, SMART3000, SMART5000RT3U and SMART5000TEL3U models allows remote emergency shutdown.

Convenient Battery Replacement

Tripp Lite UPS batteries will constantly protect your equipment for up to six years with normal use. The convenient access door featured on all



SmartPro XL models saves the hassle of returning the UPS for internal battery replacement and service.

Model	Output Capacity (VA/Watts)	Input/ Output Voltage/ Frequency (Hz)	Backup Time (Typical Minutes) Half /Full Load*	AC Receptacles		Customized Load Management Receptacles	Communication Ports		Input Plug (NEMA)	Power Cord Length (ft)	Dimensions H x W x D (in)**	Shipping Weight (lb)
				Quantity	NEMA Type		"Smart" RS-232 (DB9) or USB (B)	Contact Closure (DB9)				
SmartPro DataCenter UPS Systems												
SMARTDC5000	5000/3700	208/240 (In); 208/240 & 120 (Out) (60)	42/18 +	14	12 (5-15R); 1 (L6-30R); 1 (L14-30R)	—	1 (DB9)	3	L6-30P	10	23 x 11 x 22	311
SMARTDC5000XR	5000/3700	208/240 (In); 208/240 & 120 (Out) (60)	108/42 +	14	12 (5-15R); 1 (L6-30R); 1 (L14-30R)	—	1 (DB9)	3	L6-30P	10	34 x 11 x 22	496
SMARTDC5000HW	5000/3700	208/240 (In); 208/240 & 120 (Out) (60)	42/18 +		Hardwire	—	1 (DB9)	3	Hardwire	N/A	23 x 11 x 22	311
SMARTDC5000HWXR	5000/3700	208/240 (In); 208/240 & 120 (Out) (60)	108/42 +		Hardwire	—	1 (DB9)	3	Hardwire	N/A	34 x 11 x 22	496
SmartPro XL UPS Systems												
SMART1400XL	1400/940	120 (60)	25/10 +	6	5-15R	1	2 (DB9)	—	5-15P	6	12.5 x 7.5 x 8.75	49
SMART2200	2200/1600	120 (60)	23/11 +	9	7 (5-15R); 2 (5-20R)	2	2 (DB9) & 2 (USB)	—	5-20P***	8	14.12 x 9.12 x 11.62	57
SMART2200XLNET	2200/1700	120 (60)	28/11 +	6	4 (5-15R); 2 (5-20R)	2	1 (DB9)	2	5-20P	8	14.12 x 9.12 x 11.62	91
SMART3000	3000/2250	120 (60)	17/6 +	10	7 (5-15R); 2 (5-20R); 1 (L5-30R)	2	2 (DB9) & 2 (USB)	—	L5-30P***	8	14.12 x 9.12 x 11.62	61
SMART5000RT3U	5000/4000	208/240 (In); 208 & 120 (Out) (60)	38/16 +	14	10 (5-15R), 2 (5-20R), 1 (L6-30R), 1 (L14-30R)	8	2 (DB9) & 2 (USB)	—	L6-30P	10	5.25 x 17.5 x 22.5 (power module) 5.25 x 17.5 x 22.5 (battery module)	121 (power module & 170 (battery module)
SMART5000TEL3U	5000/3750	208/240 (In); 208 & 120 (400VA max.) (Out) (60)	16/6	5	2 (5-15R), 2 (L6-20R), 1 (L6-30R)	2	2 (DB9) & 2 (USB)	—	L6-30P	10	5.25 x 17.5 x 22.5 with internal battery	85

External Battery Packs

BP24V33	24V external battery pack and cables (for SMART2200XLNET only)	8 x 11.5 x 13	66
BP36V27	36V external battery pack and cables (for SMART1400XL only)	13.5 x 14.5 x 21.5	60
BP36VXR	36V external battery pack and cables (for SMARTDC5000, 5000XR, 5000HW and 5000HWXR only)	11 x 11 x 22	185
BP48V60RT-3U	48V external battery pack and cables, rack/tower mount (for SMART5000RT3U only)	5.25 x 17.5 x 22.5	170

Accessories

PAM1	Power accessory module for SmartPro DataCenter (provides a variety of outlet configurations including 20- and 30-amp twist lock)
DCOW	Caster base for SmartPro DataCenter (provides convenient storage and transportation)
UPSWM	Wallmount bracket for SMART1400XL
ENVIROSENSE	Allows UPS to monitor external temperature/humidity and contact-closure inputs (requires SNMPWEBCARD)
SNMPWEBCARD	Internal SNMP/Web management accessory card (connects compatible UPS systems to Ethernet)

+ Backup times are expandable with additional external battery packs. * Backup times will vary depending on battery condition and load. ** Overall SmartPro DataCenter dimensions are for power module stacked on top of external battery packs. *** SMART2200 includes separate 5-15P plug, and SMART3000 includes separate 5-20P plug. The policy of Tripp Lite is one of continuous improvement. Specifications are subject to change without notice.

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