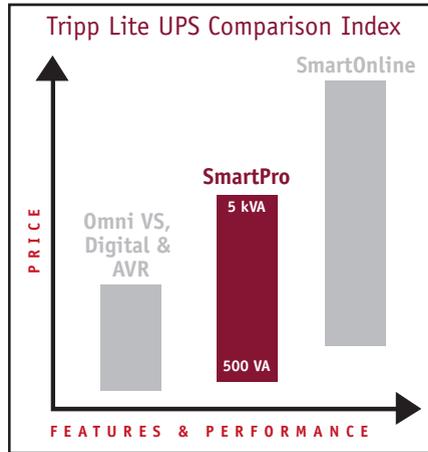


# SmartPro® Intelligent Line-Interactive UPS Systems



- ▶ 500 - 5,000 VA
- ▶ Extended Runtime Options
- ▶ Automatic Voltage Regulation (AVR)
- ▶ Rack/Tower/Stack Adaptable

## Conserve Space—Slim as 1U!

SmartPro Rackmount/Tower UPS Systems provide more battery backup (up to 5000 VA) and premium product features in compact cases (as slim as 1U) which make the best use of available rack space. Select models are compact and shallow enough to allow users to mount a UPS system and an external battery pack back-to-back to increase the power protection in the same rack space.



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

## Protect Every Application

SmartPro Rackmount/Tower UPS Systems are available in a wide variety of capacities to protect every size computer application from downtime, damage and data loss due to power problems. SmartPro Rackmount/Tower UPS Systems provide complete protection against all types of power problems, including brownouts, blackouts, surges and line noise. Line-interactive operation—also known as automatic voltage regulation (AVR)—automatically regulates incoming voltage to keep equipment working through low voltage (brownouts) and high voltage conditions\* indefinitely, without draining battery power. SmartPro Rackmount/Tower UPS Systems provide reliable battery power to keep computers up and running through short blackouts and allow enough time to safely shut down during longer ones. In addition, all AC outlets are backed by internal surge suppression and line noise filtering components to protect equipment from damage due to lightning and surges or audio/video distortion due to line noise.

\* SMX500RT1U models supply battery power during high voltage conditions.

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

## Extend Runtime

Select models accept external battery packs to provide extended runtime. Without enough runtime, businesses stand to lose up to \$50,000\* per hour according to a recent survey on the cost of lost productivity for an hour of network downtime.\*\* Locate your planned load and optimum runtime on the chart to the right.

\* U.S. dollars. \*\* Yankee Group.



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

## Adapt to Rack/ Tower/Stack Applications

Adapt all models from rackmount to tower or stacking applications.\*

- Removable rack hardware
- Optional base stands



SMX3000XLRT2U tower mount with optional base stands.

\* 1U models include hardware to adapt to tower mounting. Optional base stands (model: 2-9USTAND) are available to adapt any combination of models, from 2U to 9U wide, to tower mounting.

Load (Watts)	Runtime (minutes) with included batteries	Runtime (minutes) with additional external battery pack(s)					
		Non-Expandable Battery Pack	Expandable Battery Pack(s)*				
			1	2	3	4	
<b>SMX1500XLRT2U Extended Runtime</b>		<b>BP36V15-2U</b>		<b>BP36V42-3U</b>			
500	18	75	206	421	636	850	
1000	7	30	87	185	288	392	
<b>SMX2200XLRT2U Extended Runtime</b>		<b>BP48V24-2U</b>		<b>BP48V60RT3U</b>			
800	17	62	129	264	403	543	
1600	6	25	53	113	177	244	
<b>SMX3000XLRT2U Extended Runtime</b>		<b>BP48V24-2U</b>		<b>BP48V60RT3U</b>			
800	17	60	124	256	392	527	
1600	6.5	25	53	115	180	247	
<b>SMX5000XLRT3U Extended Runtime</b>				<b>BP48V60RT3U</b>			
1875	20	N/A	61	114	169	227	
3750	8.5	N/A	24	47	72	98	

\* Battery packs that are "expandable" can be connected together for increased runtime.

For additional extended runtime solutions to fit your specific load requirements, use Tripp Lite's interactive UPS Selector Guide at [www.tripplite.com/selector/ups](http://www.tripplite.com/selector/ups), or call Tripp Lite's Application Specialists at +1.773.869.1236.

## Manage Multiple Servers

Multiple built-in communication ports provide the ability to simultaneously manage multiple servers without the need for accessories. Using PowerAlert Software, select models with multiple communication ports will simultaneously provide intelligent communications, shutdown commands and reporting on multiple servers—even if they are running different operating systems.\* Intelligent communications allow you to check UPS status (including battery charge level) and AC power status as well as reboot Customized Load Management Outlets.

\* Additional PowerAlert features: pages 18 and 19.

## Control Individual Outlets

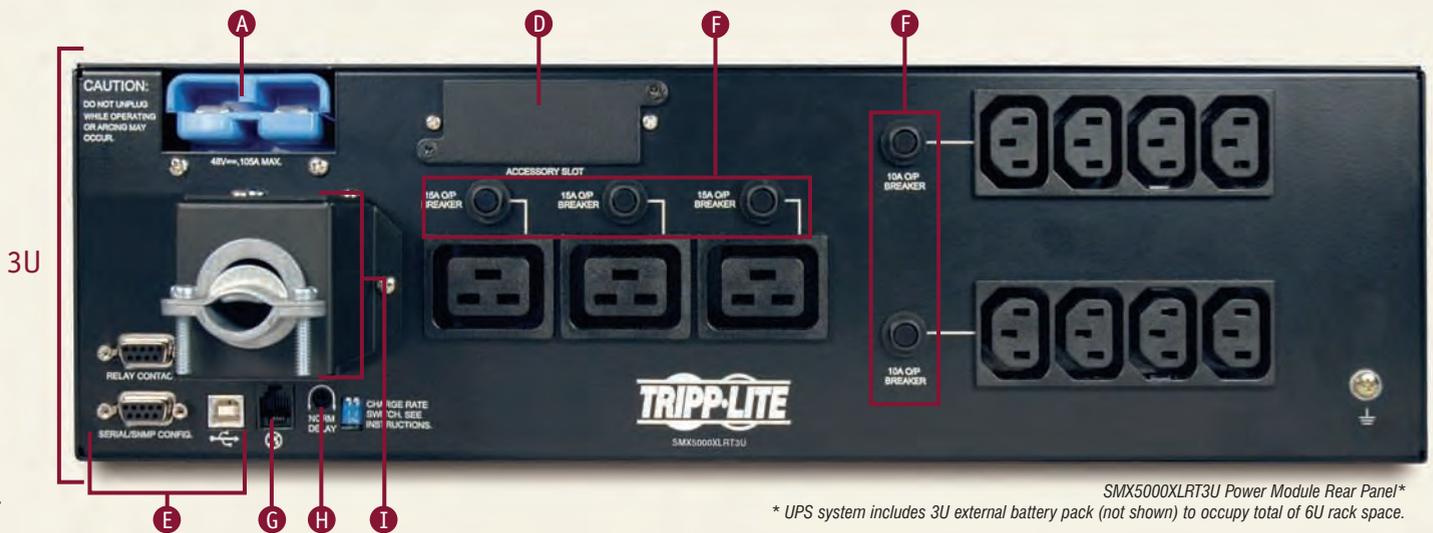
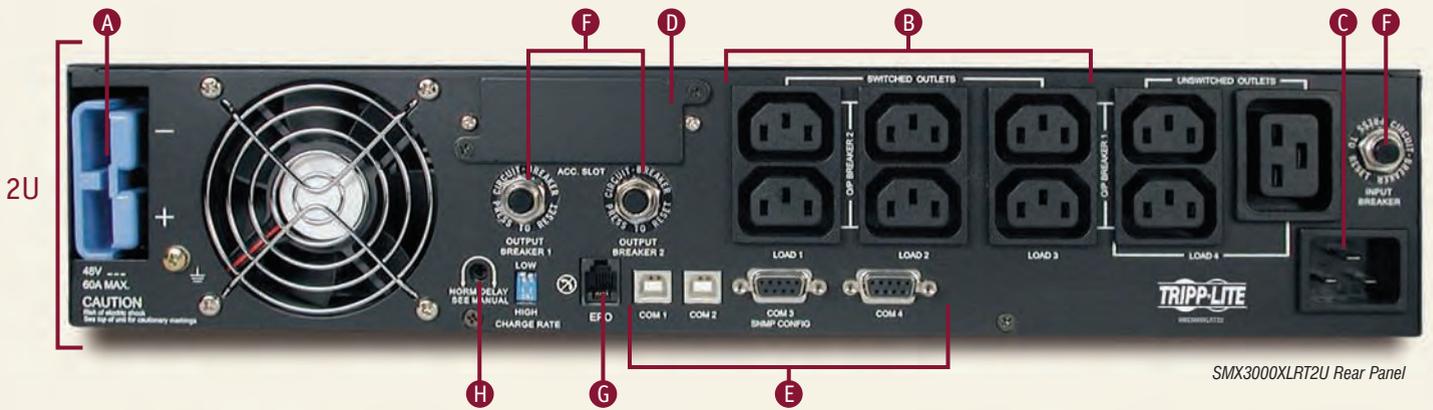
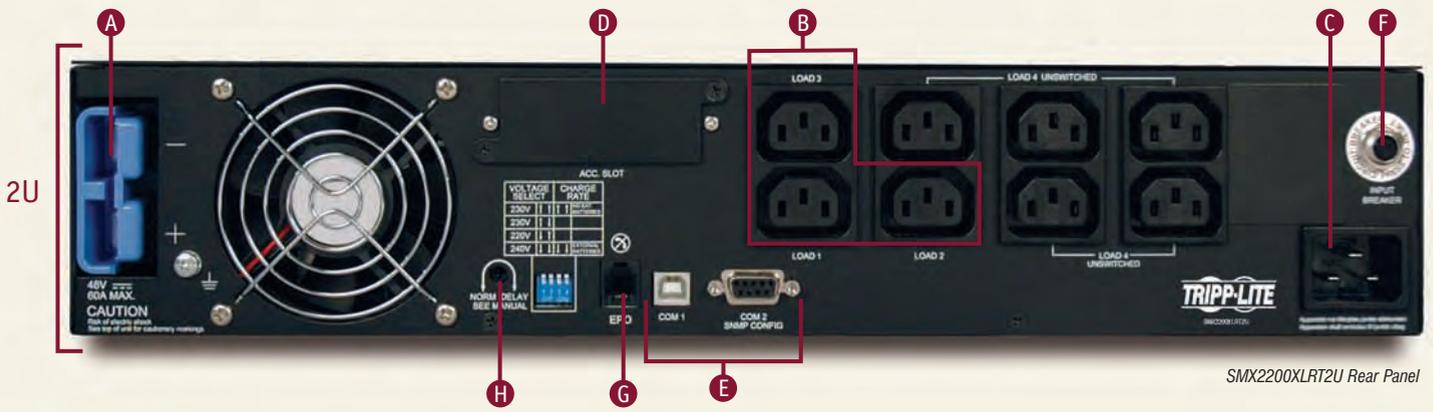
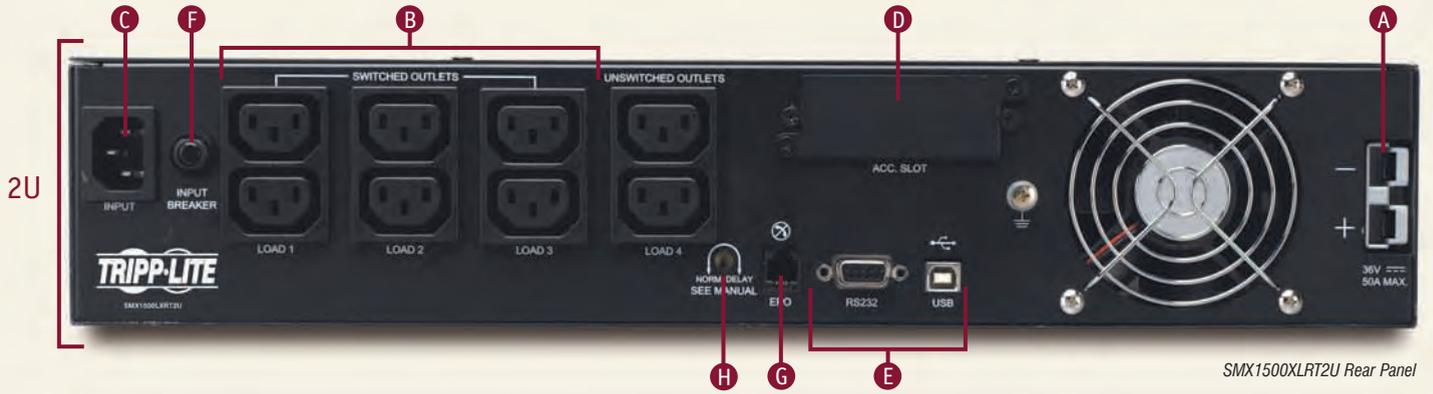
Prioritize the uptime of mission-critical loads during a power failure with Customized Load Management Outlets featured on select models. Customized Load Management Outlets can be controlled independently through PowerAlert. Use PowerAlert to reboot a locked-up computer by cycling the power on and off to select outlet banks on the UPS system. You can also program PowerAlert to shut down less important systems during an extended blackout, preserving battery runtime for more critical equipment.

## Display Complete Performance Conditions

A front panel LED display alerts you to a variety of UPS performance conditions, including AC line present, automatic voltage regulation, UPS load and replace battery. The easy-to-read interface provides more information than comparable models, allowing you to react more rapidly to an alert before your systems are put at risk.



# Feature Focus



### A Extended Runtime Capability

Select models feature connectors that accept optional external battery packs for additional runtime. External batteries can be “hot-swapped”. See Extended Runtime Chart on page 3 to locate the perfect SmartPro Rackmount/Tower model that fits your runtime needs.



### B Customized Load Management

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

### C AC Input Connector

Connector (C14 or C20, depending on model) accepts user-supplied cord with country-specific plug. Select models include AC power cables\* for connecting equipment to the UPS system's outlets.

\* Cables have a C13 end to connect to equipment and a C14 end to connect to the UPS system.

### D NMS Integration

Accessory slot on all 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.

\* Model: SNMPWEBCARD.  
\*\* Model: ENVIROSENSE.

### E 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 accessories.

### F Short Circuit Protection

Breakers safeguard your equipment and the UPS from damage due to input or output short circuits and system overloads.

### G Emergency Power Off (EPO)

A modular jack included with all models allows remote emergency shutdown.

### H User-Adjustable Power Sensitivity Dial

Select models include a user-adjustable dial which lowers the UPS system's sensitivity to waveform distortion. This feature conserves battery power in areas served by poor quality utility- or generator-supplied power.

### I Hardwire Input

#### Front Panel Battery Replacement (not shown)

Tripp Lite UPS batteries will protect equipment for several years with normal use. Most models feature a removable panel which allows for internal battery replacement.\* Internal batteries can be “hot-swapped”.

\* Tripp Lite offers a complete line of replacement battery cartridges (R.B.C.); visit [www.tripplite.com](http://www.tripplite.com).

## Specifications



Model	Output Capacity (VA/Watts)	Backup Time (Typical Minutes) Half/Full Load <sup>(B)</sup>	Optional External Battery Packs	Rack Space	Nominal Input-Output Voltage (Frequency 50/60 Hz)	Outlet Quantity	Outlet Type	Customized Load Management Outlets	Comm. Ports		AC Input Connector <sup>(F)</sup>
									USB	RS-232 (DB9)	
<b>UPS Systems</b>											
SMX500RT1U	500/300	8/2.5	—	1U	230	6	C13	1 bank of 2	1	1	C14 inlet
SMX1000RT2U	1000/700	17/7	—	2U	230	6 <sup>(D)</sup>	C13	2 banks of 2	1	1	C14 inlet
SMX1500XLR2U	1500/1000	18/7+	A B	2U	230	8 <sup>(D)</sup>	C13	3 banks of 2	1	1	C14 inlet
SMX2200XLR2U	2200/1600	17/6+	C D	2U	230 (220/230/240) <sup>(C)</sup>	8 <sup>(E)</sup>	C13	3 banks of 1	1	1	C20 inlet
SMX3000XLR2U	3000/2250	11/4+	C D	2U	230	9 <sup>(E)</sup>	8 C13, 1 C19	3 banks of 2	2	2	C20 inlet
SMX5000XLR3U	5000/3750	20/8.5+	D	6U (3U power module & 3U battery pack)	230	11 <sup>(E)</sup>	8 C13, 3 C19	—	1	2 <sup>(G)</sup>	Hardwire

#### External Battery Packs and Accessories

A	BP36V15-2U	36V external battery pack and cable, 2U. Not expandable. GRAY 2-point connector.
B	BP36V42-3U	36V external battery pack and cable, 3U. Expandable. GRAY 2-point connector.
C	BP48V24-2U	48V external battery pack and cable, 2U. Not expandable. BLUE 2-point connector.
D	BP48V60RT3U	48V external battery pack and cable, 3U. Expandable. BLUE 2-point connector.
	SNMPWEBCARD	Internal SNMP/Web management accessory card (connects compatible UPS systems to Ethernet).
	ENVIROSENSE	Allows UPS to monitor external temperature/humidity and contact-closure inputs (requires SNMPWEBCARD).
	2-9U STAND	Tower kit with 2 adjustable base stands—2U to 9U—for all models except 1U models.
	2POSTRMKITWM	Mounting kit for 2-post rackmount installation. For all UPS and battery pack models.

Common specifications for all UPS systems: SNMP/Web accessory slot (for use with optional SNMPWEBCARD, sold separately). All models include mounting hardware to fit standard 19 in. racks.

+ Backup times are expandable using external battery packs. <sup>(A)</sup> Certifications vary by model. <sup>(B)</sup> Backup times vary depending on battery condition and load. <sup>(C)</sup> User-selectable. <sup>(D)</sup> Includes two 2-meter C13-to-C14 power cables for connecting equipment. <sup>(E)</sup> Includes three 2-meter C13-to-C14 power cables for connecting equipment. <sup>(F)</sup> Connects to user-supplied input power cord with country-specific plug. Cord requires C13 end to connect to C14 inlet or C19 end to connect to C20 inlet. <sup>(G)</sup> SMX5000XLR3U includes an RS-232 DB9 port and a relay contact-closure DB9 port. The policy of Tripp Lite is one of continuous improvement. Specifications are subject to change without notice. Actual products may differ slightly from photos.

**Complete, up-to-date specifications (including product weight and dimensions) available at [www.tripplite.com](http://www.tripplite.com)**

Also available: interactive UPS System selector guide, extended warranties, owner's manuals and more!