

SmartPro®

Intelligent Line-Interactive UPS Systems



Specifications on next page

Application:

- Servers • Datacenters
- Internetworking Equipment
- ISP/Telecom/Lab Equipment

- ▶ 500 – 3,000 VA
- ▶ Internal Batteries & Extended Runtime Options*
- ▶ Automatic Voltage Regulation (AVR)
- ▶ Rack/Tower/Stack Adaptable

* Select models with external battery packs.

Conserve Space—Slim as 1U!

SmartPro Rackmount UPS Systems make the best use of available rack space by providing more battery backup (up to 3000VA) and premium product features in a compact case—as slim as 1U!

Protect Every Application

Whatever size computer system you manage, the SmartPro Rackmount family of UPS systems has the perfect power protection solution to safeguard your equipment investment and maintain your productivity. SmartPro Rackmount UPS Systems offer everything you need to protect computer systems in a single box, providing complete protection against all types of power problems (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 UPS Systems provide reliable battery power to keep computers up safely 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.

Extend Runtime

Without enough runtime, you 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.** Select models accept external battery packs to provide all the runtime you need! Locate your planned load and optimum runtime on the chart below.

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



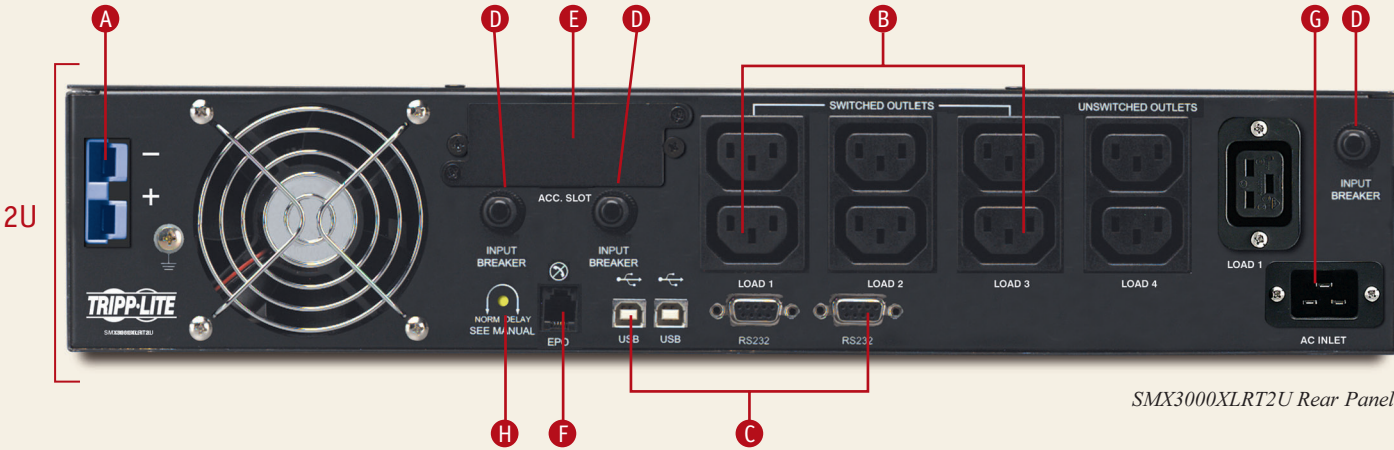
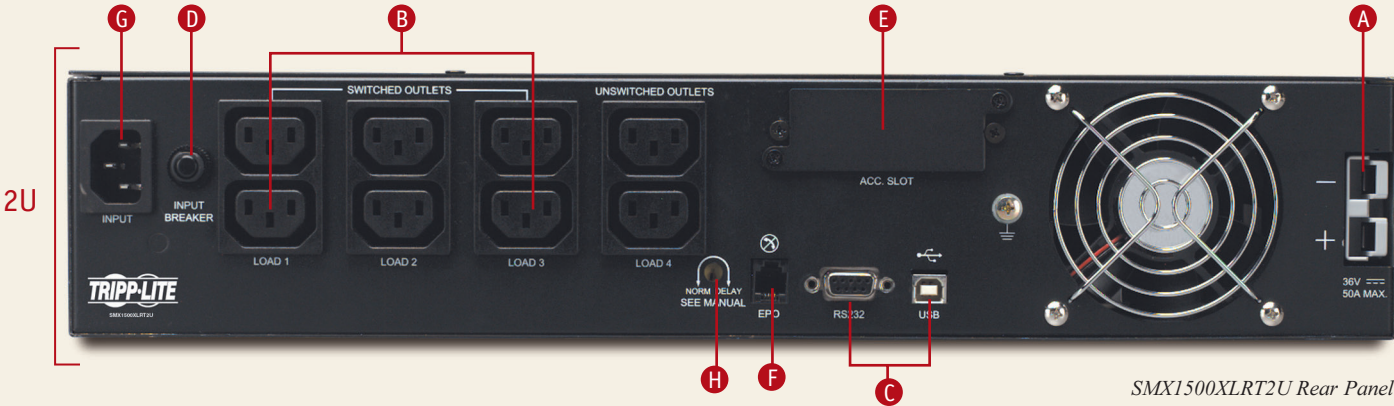
Extending runtime is as simple as plugging in additional external battery packs.

EXTENDED RUNTIME CHART

Load (VA/Watts)	Runtime (minutes) with included batteries*	Runtime (minutes) with additional external battery pack(s)					
		Non- Expandable Battery Pack	Expandable Battery Pack(s)				
			1	2	3	4	
SMX1500XLRT2U		BP36V15-2U**					
Extended Runtime		(non-expandable)					
750/500	25	79	N/A	N/A	N/A	N/A	
1500/1000	10	37	N/A	N/A	N/A	N/A	
SMX3000XLRT2U		BP48V24-2U**		BP48V60RT-3U**			
Extended Runtime		(non-expandable)		(expandable)			
1500/1125	13	45	98	192	288	378	
3000/2250	4	20	45	90	138	186	

* All models include internal batteries, standard. ** BP36V15-2U and BP48V24-2U battery packs are not expandable; BP48V60RT-3U battery packs are expandable (allowing multiple packs to be connected together). Contact Tripp Lite for additional extended runtime solutions to fit your specific load requirements.

* All models include internal batteries, standard. ** BP36V15-2U and BP48V24-2U battery packs are not expandable; BP48V60RT-3U battery packs are expandable (allowing multiple packs to be connected together). Contact Tripp Lite for additional extended runtime solutions to fit your specific load requirements.



A Extended Runtime Capability
Select models feature connectors to 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 model that fits your runtime needs.

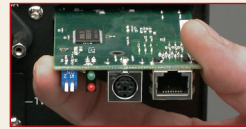


B Customized Load Management
Prioritize the uptime of your most mission-critical loads during a power failure. All models feature special receptacles that you control independently through PowerAlert Software. Program PowerAlert to reboot a locked up computer or to shut down less important systems, preserving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

C 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.

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

E 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.

F Emergency Power Off (EPO)
A modular jack included with all models allows remote emergency shutdown.

G AC Input Connector
Connector (IEC-320-C14 or IEC-320-C20, depending on model) accepts user-supplied cord with country-specific plug. All models include cables* for connecting equipment to the UPS system's output receptacles.

* Included cables are two meters long and feature an IEC-320-C13 end to connect to equipment and an IEC-320-C14 end to connect to the UPS system.

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.

Up to 17 Performance Conditions Displayed

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



Front Panel Battery Replacement (not shown)

Tripp Lite UPS batteries will protect equipment for several years with normal use. All 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.

Adapt to Rack/Tower/Stack Applications

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

- Removable rack hardware
- Rack hardware serves as base stands

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



SMX3000XLRT2U tower mount with included hardware.

Manage Multiple Servers





Manage multiple servers simultaneously at no extra cost with multiple built-in communication ports. Using PowerAlert Software, all models will simultaneously provide intelligent communication, 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 Receptacles.

* Additional PowerAlert features: pages 16 and 17.

Control Individual Outlets

Prioritize the uptime of your most mission-critical loads during a power failure with Customized Load Management Receptacles featured on all models. Customized Load Management Receptacles are divided into separate banks that you can control independently through PowerAlert Software. Program PowerAlert to reboot a locked up computer by cycling the power on and off to select receptacles 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.

Specifications

			Output Capacity (VA/Watts)	Backup Time (Typical Minutes) Half/Full Load ^(A)	Rack Space	Nominal Input-Output Voltage/ Frequency 50/60 Hz	AC Receptacles Quan- tity	IEC-320 Type	Customized Load Management Receptacles	"Smart" Comm. Port RS-232 (DB9)	SNMP/ Web Accessory Slot ^(B)	Input Connector IEC-320 ^(C)	Detachable C14 Power Cord Quantity/ Length ^(C)	Unit Dimensions H x W x D (cm) ^(D)	Ship- ping Weight (kg)
Model															
UPS Systems															
SMX500RT1U		500/300	18/7	1U	230	6	C13	1 bank of 2	1	1	yes	C14	2 (2 m)	4.5 x 44.5 x 29.9	10
SMX750RT1U		750/450	26/11	1U	230	6	C13	2 banks of 2	1	1	yes	C14	2 (2 m)	4.5 x 44.5 x 42.6	15
 SMX1500XLRT2U		1500/1000	25/10+	2U	230	8	C13	3 banks of 2	1	1	yes	C14	2 (2 m)	8.9 x 44.5 x 34.3	23
 SMX3000XLRT2U		3000/2250	13/4+	2U	230	9	8 (C13) & 1 (C19)	3 banks of 2	2	2	yes	C20	3 (2 m)	8.9 x 44.5 x 41.9	30

External Battery Packs and Accessories

BP36V15-2U	36V external battery pack and cable, 2U rack space (for SMX1500XLRT2U model only). Not expandable. GREY 2-point connector.	8.9 x 44.5 x 34.3	25
BP48V24-2U	48V standard run external battery pack and cable, 2U rack space (for SMX3000XLRT2U model only). Not expandable. BLUE 2-point connector.	8.9 x 44.5 x 34.3	32
BP48V60RT-3U	48V extended run external battery pack and cable, 3U rack space (for SMX3000XLRT2U model only). Expandable. BLUE 2-point connector.	13.3 x 44.5 x 57.2	73
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).		
2-9USTAND	Tower kit with 2 adjustable base stands—2U to 9U—for all 2U models.		
2POSTRMKIT	Horizontal mounting rails for 2-post rackmount installation. For all UPS and battery pack models.		

+ Backup times are expandable using external battery packs. ^(A) Backup times will vary depending on battery condition and load. ^(B) For use with optional internal SNMP/Web management accessory card (model: SNMPWEBCARD) sold separately. ^(C) AC Input Connector (IEC-320-C14 or IEC-320-C20, depending on model) accepts user-supplied cord with country-specific plug. All models include cables for connecting equipment to the UPS system's output receptacles. Included cables are two meters long and feature an IEC-320-C13 end to connect to equipment and an IEC-320-C14 end to connect to the UPS system. ^(D) All models are designed with mounting hardware to fit standard 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. Actual product may differ slightly from photos.

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