

# SmartPro®

## Intelligent Line-Interactive UPS Systems



**Complete line of rackmount solutions available! See pages 3 to 5.**

Application:

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

- ▶ 500 – 3,000 VA
- ▶ Extended Runtime Option\*
- ▶ Automatic Voltage Regulation (AVR)

\* SMARTINT3000XLVS model with external battery packs.

## Protect Every Application

Whatever size computer system you manage, the SmartPro family of UPS systems has the perfect power protection solution to safeguard your equipment investment and maintain your productivity. SmartPro 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)—keeps equipment working through low voltage (brownouts) and high voltage conditions indefinitely, without draining battery power. SmartPro 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 stop damaging lightning and surges and filter disruptive line noise.

## Control Individual Outlets

Prioritize the uptime of your most mission-critical loads during a power failure with Customized Load Management Receptacles featured on select models. Program PowerAlert Software 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.

## Manage Multiple Servers

Manage multiple servers simultaneously at no extra cost with multiple built-in communication ports. Using PowerAlert Software, select models with multiple communications ports will simultaneously provide intelligent communication, shutdown commands and reporting on multiple servers even if they are running different operating systems.\*

\* Additional PowerAlert features: pages 16 and 17.

## 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.

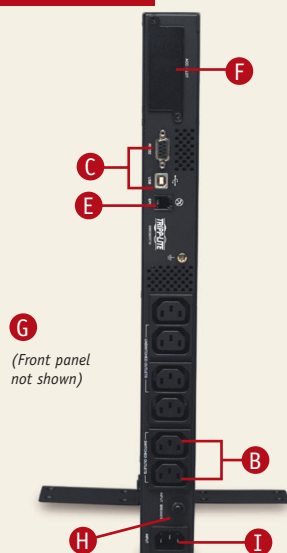
\* U.S. dollars. \*\* Yankee Group.

EXTENDED RUNTIME CHART

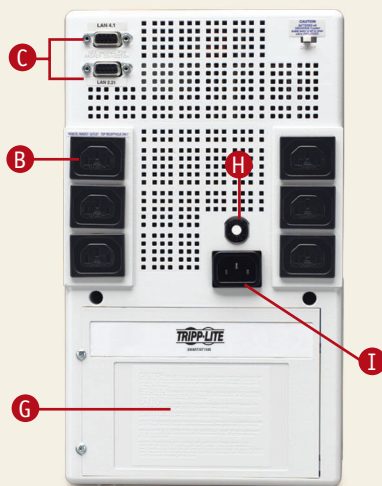
Load (VA/ Watts)	Runtime (minutes) with included batteries	Runtime (minutes) with additional external battery packs				
		1	2	3	4	5
SMARTINT3000XLVS Extended Runtime (with BP48V18 battery packs)						
1500/1125	14	45	77	117	156	192
3000/2250	4	19	36	53	71	89

Call Tripp Lite for additional extended runtime solutions to fit your specific load requirements.

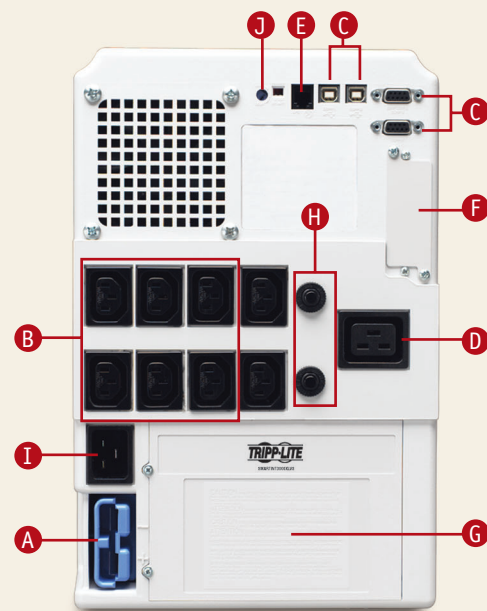
Call Tripp Lite for additional extended runtime solutions to fit your specific load requirements.



SMX500RT1U Rear Panel



SMARTINT1500 Rear Panel

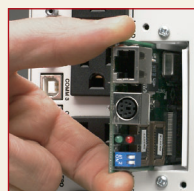


SMARTINT3000XLVS Rear Panel

- A Extended Runtime Capability**  
SMARTINT3000XLVS model features connectors to accept optional external battery packs for additional runtime. External batteries can be "hot-swapped". See Extended Runtime Chart on page 14.
- B 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.
- C 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.
- D Variety of Output Options**  
IEC-320-C13 and IEC-320-C19 receptacles ensure maximum connection flexibility.



- E Emergency Power Off (EPO)**  
A modular jack on select models allows remote emergency shutdown.
- F NMS Integration**  
Accessory slot on select 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. Models without an accessory slot work with an external module\*\*\* for NMS Integration.  
\* Model: SNMPWEBCARD. \*\* Model: ENVIROSENSE.  
\*\*\* Model: SNMPWEBSOLO
- G Battery Replacement**  
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](http://www.tripplite.com).



- H Short Circuit Protection**
- I AC Input Connector**  
Connector (IEC-320-C14 or IEC-320-C20, depending on model) accepts user-supplied cord with country-specific plug. Select models include one or more 2 meter cables for connecting equipment to the UPS system's output receptacles.
- J 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.

## A Variety of Performance Conditions Displayed

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



## Specifications

Model	Output Capacity (VA/Watts)	Backup Time (Typical Minutes) Half/Full Load <sup>(A)</sup>	Nominal Input-Output Voltage/Frequency 50/60 Hz	AC Receptacles Quantity	IEC-320 Type	Customized Load Management Receptacles	"Smart" Comm. Port USB	RS-232 (DB9)	SNMP/Web Accessory Slot <sup>(C)</sup>	Input Connector (IEC-320) <sup>(D)</sup>	Detachable C14 Power Cord (Quantity/Length) <sup>(E)</sup>	Unit Dimensions H x W x D (cm)	Shipping Weight (kg)
<b>SmartPro UPS Systems</b>													
SMX500RT1U	500/300	18/7	230	6	C13	1 bank of 2	1	1	yes	C14	2 (2 m)	45 x 5 x 30	10
SMARTINT700	700/425	20/6	230	5	C13	—	—	1	—	C14	1 (2 m)	32 x 16 x 23	12
SMARTINT1000	1000/680	24/9	230	5	C13	—	—	1	—	C14	1 (2 m)	33 x 19 x 24	15
SMARTINT1500	1500/940	20/7	230	6	C13	1 individual	—	2 <sup>(B)</sup>	—	C14	1 (2 m)	33 x 19 x 24	20
SMARTINT2200VS	2200/1600	19/7	230	9	8 (C13) & 1 (C19)	3 banks of 2	2	2	yes	C20	3 (2 m)	36 x 24 x 31	28
SMARTINT3000XLVS	3000/2250	14/4+	230	9	8 (C13) & 1 (C19)	3 banks of 2	2	2	yes	C20	3 (2 m)	36 x 24 x 31	30

### External Battery Pack and Accessories

BP48V18	48V external battery pack & cables. Tower mount (for SMARTINT3000XLVS model only).	18 x 22 x 37	28
SNMPWEBSOLO	External SNMP/Web management module (connects SMARTINT700, SMARTINT1000 & SMARTINT1500 to Ethernet).		
SNMPWEBCARD	Internal SNMP/Web management accessory card (connects SMX500RT1U, SMARTINT2200VS & SMARTINT3000XLVS to Ethernet).		
ENVIROSENSE	Allows UPS to monitor external temperature/humidity and contact-closure inputs (requires SNMPWEBCARD).		

+ Backup times are expandable using external battery packs. <sup>(A)</sup> Backup times will vary depending on battery condition and load. <sup>(B)</sup> This model includes a single RS-232 DB9 port and a single contact-closure DB9 port. <sup>(C)</sup> For use with optional internal SNMP/Web management accessory card (model: SNMPWEBCARD) sold separately. <sup>(D)</sup> AC Input Connector (IEC-320-C14 or IEC-320-C20, depending on model) accepts user-supplied cord with country-specific plug. All models include one or more 2 meter cables for connecting equipment to the UPS system's output receptacles. 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](http://www.tripplite.com)