

Full-Isolation Medical-Grade UPS Systems



- ▶ Built-In, Faraday-Shielded Isolation Transformer
- ▶ Medical-Grade (IEC 60601-1) Certification for Healthcare Applications
- ▶ Automatic Voltage Regulation (AVR)
- ▶ Also Ideal for Retail/P.O.S. and Network Applications
- ▶ Extended Runtime Option

Combine Full-Isolation & UPS Protection

Tripp Lite Full-Isolation Medical-Grade UPS Systems feature built-in, Faraday-shielded isolation transformers, providing superior filtering of potentially disruptive line noise. In addition, all models provide complete protection against all types of power problems. Line-interactive operation—also known as automatic voltage regulation (AVR)—keeps equipment working through low voltage (brownouts) indefinitely, without draining battery power. Reliable battery power keeps computers up and running through short blackouts and allows enough time to safely shut down during longer ones. In addition, all AC outlets stop damaging lightning and surges.

Provide IEC 60601-1 Compliance for Healthcare Facilities

IEC 60601-1 is a shock-prevention requirement that applies to all electronic devices in patient-care areas. Tripp Lite Medical-Grade UPS Systems reduce cumulative shock potential (leakage current) as low as 100µA, providing full IEC 60601-1 compliance for connected healthcare equipment. They enable facility-wide IEC 60601-1 compliance without requiring expensive equipment replacement and wiring upgrades. All models are certified for use both inside and outside patient-care areas.

Provide the Benefits of a Dedicated Circuit

All models can be used in retail/POS and network applications to reduce data errors, audio/video distortion and equipment damage. Full Isolation UPS Systems provide the same benefits as running a dedicated AC input line—including a pure ground reference and complete immunity from line noise—without the expense and inconvenience of site wiring upgrades. They can eliminate disruptions and damage to sensitive equipment in sites with a history of poor performance, which is often attributable to substandard wiring.

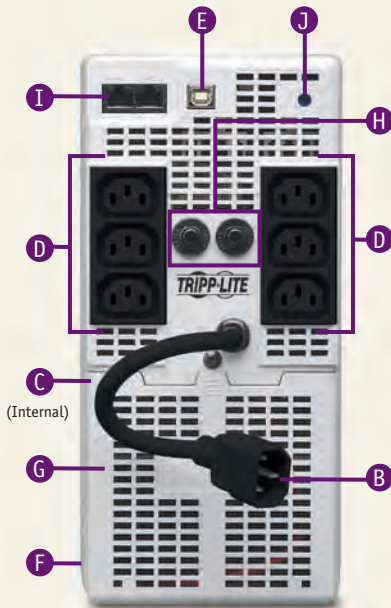
Include Enhanced Communication Capability

All models include at least one built-in communication port. PowerAlert Software provides power management, monitoring and control locally or remotely through TCP/IP. Intelligent communications allow you to check UPS status (including battery charge level) and AC power status.

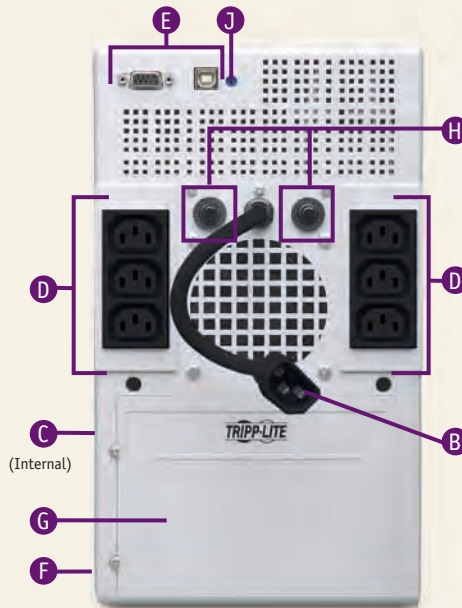
Load (Watts)	Runtime (minutes) with included batteries	Runtime (minutes) with additional external battery packs				
		Non-expandable Battery Pack	Expandable Battery Pack(s)*			
			1	2	3	4
		<i>BP36V15-2U</i>		<i>BP36V42-3U</i>		
375	25	109	293	586	877	1163
750	10	46	131	274	421	568

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, or call Tripp Lite's Application Specialists at +1.773.869.1236.

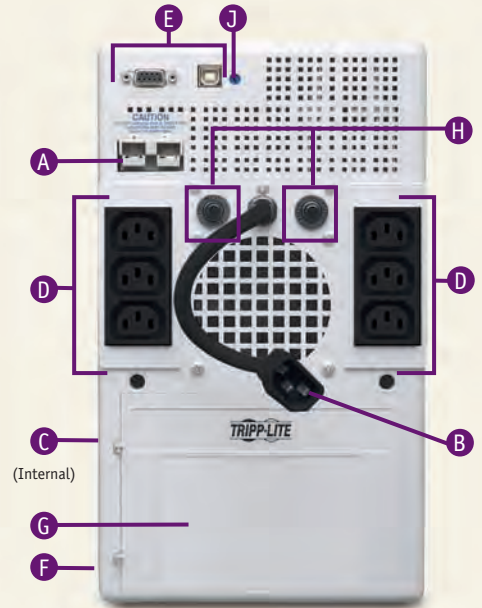
* Battery packs that are "expandable" can be connected together for increased runtime.



OMNIX350HG Rear Panel




SMX700HG Rear Panel



SMX1200XLHG Rear Panel

A Extended Runtime Capability

Model SMX1200XLHG accepts optional external battery packs  for additional runtime. External batteries can be "hot-swapped". See Extended Runtime Chart on page 22.

B AC Input Connector (Inlet)

C14 inlet connects to user-supplied cord with country-specific plug.

C Isolation Transformer (Internal)

Built-in isolation transformer with Faraday shield provides pure ground reference and complete immunity from line noise. It reduces leakage current as low as 100µA, enabling IEC 60601-1 compliance.

D Hospital-Grade Outlets

C13 outlets suitable for use in hospital/medical environments, including those where hospital-grade outlets are required for proper connection.

E Automatic Data Protection

At least one built-in communication port connects the UPS to a computer. Use with FREE PowerAlert Software* and included cabling to automatically save open files and shut down equipment during an extended blackout.

* Available FREE as a Web download.

F Space-Saving Cabinet

G Battery Replacement Access

Batteries will protect equipment for several years with normal use. A removable panel allows 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.

H Short Circuit Protection

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

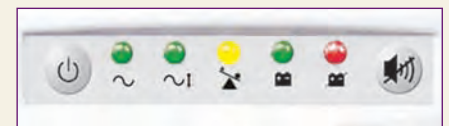
I Tel/DSL Surge Protection

Model OMNIX350HG protects Internet-connected computers from damage on a 2-line Tel/DSL connection.

J User-Adjustable Power Sensitivity Dial


A user-adjustable dial 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.

Performance Conditions Displayed



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

Specifications

Model	Output Capacity (VA/Watts)	Backup Time (Typical Minutes) Half/Full Load ^(A)	Optional External Battery Packs	Nominal Input/Output Voltage (Frequency 50/60 Hz)	Outlet Quantity	Outlet Type	Comm. Ports USB	RS-232 (DB9)	Tel/DSL Surge Protection	AC Input Connector ^(C)
Full-Isolation Medical-Grade UPS Systems (IEC 60601-1 Compliant)										
OMNIX350HG	350/225	37/15.5	—	230 (220/230/240)	6	C13 ^(B)	1	—	2 line	C14 inlet
SMX700HG	700/450	38/15.5	—	230 (220/230/240)	6	C13 ^(B)	1	1	—	C14 inlet
 SMX1200XLHG	1000/750	25/10+	A B	230 (220/230/240)	6	C13 ^(B)	1	1	—	C14 inlet

External Battery Packs

- 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.

+ Backup times are expandable using external battery packs. ^(A) Backup times vary depending on battery condition and load. ^(B) Suitable for use in hospital/medical environments, including those where hospital-grade outlets are required for proper connection. ^(C) Inlet is attached to fixed 15 cm cord and connects to user-supplied input power cord with country-specific plug. User-supplied cord requires C13 end to connect to C14 inlet. 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

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

