



Powering and Connecting
Your World

HOSPITAL/MEDICAL SOLUTIONS PRODUCT INFORMATION BULLETIN

Tripp Lite Medical-Grade UPS Systems Support Mobile Therapy & Patient Transport



Powering equipment on mobile medical devices is an essential part of healthcare. Tripp Lite's medical-grade UPS systems allow mobile medical devices to travel with patients throughout hospitals and long-term care facilities. Powering equipment in transit allows therapy to continue without interruption.

The UPS systems include built-in Faraday shielding to provide full line isolation. This limits cumulative leakage current of connected equipment to less than 100 μ A for safety and code compliance in patient care vicinities.

SAFE, RELIABLE, CODE-COMPLIANT POWER

- 700VA (450W) line-interactive UPS powers equipment on mobile medical devices
- UL/IEC 60601-1 compliance ensures safety for patient care vicinities
- Automatic voltage regulation (AVR) corrects voltage fluctuations
- Faraday shield with full line isolation limits leakage current (< 100 μ A)

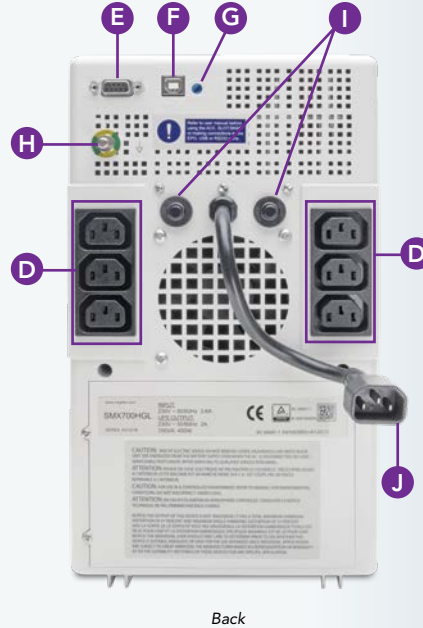
LITHIUM-ION BATTERIES

- UPS systems with lithium-ion internal batteries support up to 10,000 charge cycles, compared to 500 cycles for traditional lead-acid batteries
- Lithium iron phosphate (LiFePO_4) formulation maximises battery safety
- Weight is 60 percent less than typical lead-acid counterparts
- Industry-leading warranty reflects increased battery resilience

Tripp Lite's 700VA SmartPro® medical-grade UPS systems with lithium-ion batteries meet the requirements for powering nasal high-flow oxygen therapy systems.



Feature Focus



- A** On/Off Button
- B** Diagnostic LEDs
- C** Alarm Cancel/Self-Test Button
- D** Outlets (IEC C13)
- E** DB9 Serial Communication Port
- F** USB Communication Port
- G** Power Sensitivity Adjustment
- H** POAG (Equipotential Grounding Connector)
- I** Circuit Breakers
- J** AC Input Connector (IEC C14)

SPECIFICATIONS

Medical-Grade UPS Systems



Model	SMX700HGL (tripplite.com/~SMX700HGL)
Output Capacity	700 VA/450W
Estimated Half-Load Runtime*	36 min.
Estimated Full-Load Runtime*	14.5 min.
Internal Battery Type	Lithium-Ion (LiFePO ₄)
Estimated Battery Life	10,000 Charge/Discharge Cycles
Nominal Input/Output Voltage	230V, 50/60 Hz
AC Outlet Quantity (Type)	6 IEC C13
AC Input Type	IEC C14
AC Input Cord Length	15.2 cm
UPS Dimensions (H x W x D)	325 x 191 x 229 mm
Unit Weight	14.4 kg
Limited Warranty	5 years
UL/IEC 60601-1 Compliance	Yes

* Runtime varies with load, battery condition and other factors.

Tripp Lite makes a full line of healthcare solutions, including 1000 VA UPS systems with lithium-ion batteries. Contact your local sales representative for more information.

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