

SmartPro UPS System

Intelligent line interactive medical-grade battery backup and network power management



Model #: SMART700HG

- ▶ UL2601-1 listed. Full isolation
- ▶ 700VA line interactive tower UPS system with less than 300 microamps of leakage
- ▶ Hospital-grade plug and 4 hospital-grade NEMA5-15R output receptacles
- ▶ Corrects brownouts as low as 81V and overvoltages to 143V without using battery power
- ▶ Enhanced communications (1 RS-232 / 1 USB)

DESCRIPTION

Tripp Lite's SMART700HG offers medical-grade UPS protection with built-in line interactive voltage regulation, intelligent monitoring and unattended shutdown capability. UL2601-1 listed as medical electrical equipment with less than 300 microamps leakage current for the UPS and all connected equipment. Built-in isolation transformer with faraday shield removes common mode noise while maintaining full AC surge suppression in all modes. Resistant to electrostatic discharge. Includes high quality hospital-grade plug and outlets. 700VA power handling capacity supports computers, internetworking equipment and other critical loads during commercial power failures. Line interactive voltage regulation corrects brownouts as low as 81V and overvoltages as high as 143 back to normal 120V levels, saving battery reserves for use only during complete power failures. Includes 4 outlets, diagnostic LEDs and built-in USB & RS-232 communications ports that work with downloadable PowerAlert Software and cabling to provide automatic unattended shutdown of connected network and PC applications.

KEY BUYING POINTS

- Ideal UPS protection for applications in medical patient-care areas where UL2601-1 listed medical electrical equipment is required
- Maintains less than 300 microamps leakage current for UPS and all connected equipment
- Built-in isolation transformer with faraday shield offers full isolation and removes common mode noise while maintaining full AC surge suppression in all modes
- Line-interactive voltage regulation corrects brownouts and overvoltages from 81 to 143 volts back to usable 120V output levels, without using battery power
- Hospital-grade plug and outlets offer added degree of safety and reliability to input/output connections
- Full line isolation offers a higher degree of safety and prevents operational problems in sensitive electronic equipment
- Resistant to electrostatic discharge
- Supports loads up to 700VA / 450 watts
- 42 minutes half load runtime (with 350VA load), 18 minutes full load runtime (with 700VA load)
- 4 protected hospital-grade outlets; 6-ft. cord
- RS-232 and USB monitoring ports for remote monitoring and unattended shutdown
- SNMP compatible with separate purchase SNMPWEBSOLO ethernet adapter accessory
- PowerAlert unattended shutdown software available via free download from www.tripplite.com (cabling included)
- Complete surge protection, line isolation and EMI/RFI noise filtering
- 2 year product warranty
- 5 diagnostic LEDs indicate AC present, on battery, voltage correction, overload & battery low/replace
- Battery replacement door
- Grounding lug

TYPICAL APPLICATIONS

- UL 2601-1 listed UPS provides ultimate safety and reliability for patient point of care solutions, telemedicine, nurse's stations, wireless communications systems, electronic prescribing applications, medical imaging and mission critical equipment. Not recommended for life support applications.