

SmartPro XL Medical Grade UPS System

Intelligent, line interactive power management system



Model #: SMART1200XLHG

- ▶ UL 2601-1 listed
- ▶ Isolated 1000VA line interactive UPS system with less than 300 microamps leakage current
- ▶ Hospital-grade plug and 4 hospital-grade NEMA5-15R output receptacles
- ▶ Corrects brownouts and overvoltages from 81V to 143V
- ▶ Enhanced communications ports (1 RS-232 / 1 USB)
- ▶ Expandable runtime with optional BP36V27 battery pack

DESCRIPTION

Tripp Lite SMART1200XLHG offers medical-grade UPS protection with built-in line interactive voltage regulation, expandable battery runtime and intelligent monitoring with 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 offers full line isolation and removes common mode noise while maintaining full AC surge suppression in all modes. Includes high quality hospital grade plug and outlets. Resistant to electrostatic discharge. 1000VA power handling capacity supports computers, internetworking equipment and other critical loads during commercial power failures. External battery connector allows configuration for up to several hours of runtime during power failures by adding one or more external battery packs (part# BP36V27). Line interactive voltage regulation corrects brownouts as low as 81V and overvoltages as high as 143V back to normal 120V levels, saving battery reserves for use only during complete power failures. Includes diagnostic LEDs and 2 built-in communications ports (1-RS-232, 1-USB) that work with included 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 UL 2601-1 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
- Provides connected equipment with continuous power during short and long duration loss of commercial power
- Expandable runtime is available with the addition of one or more external battery packs (part# BP36V27)
- 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 prevents shock potential and operational problems in sensitive electronic equipment
- Resistant to electrostatic discharge
- Supports loads up to 1000VA / 750 watts
- 34 minutes half load runtime (500VA/375 watts), 16 minutes full load runtime (1000VA/750 watts)
- 4 protected hospital-grade outlets; 6-ft. cord
- 1-RS-232 and 1-USB serial port for network interface; SNMP compatible
- SNMP compatible with separate purchase SNMPWEBSOLO ethernet adapter accessory
- Complete surge protection, line isolation and EMI/RFI noise filtering
- 2 year product warranty
- PowerAlert unattended shutdown software and complete cabling included
- 5 diagnostic LEDs indicate AC present, on battery, voltage correction, overload & battery low/replace
- Battery replacement door
- Back panel 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.
