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## Model #: IS1000HG

### Isolation Transformer - Medical Grade line noise reduction and spike suppression

#### Highlights



- Complete line isolation, noise filtering and surge suppression; ideal for sensitive equipment
- 1000 watts, 4 outlets, 10-ft. power cord
- Hospital-grade plug and receptacles
- Leakage less than 100 microamps
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

#### Description

Isolator Series UL60601-1 Listed Medical Grade Isolation Transformers offer line isolation, continuous noise filtering and enhanced common mode surge suppression. An internal low-impedance isolation transformer component offers 100% isolation from the input AC line. Full UL60601-1 medical-grade listing with hospital-grade plug and outlet receptacles makes Isolator medical-grade transformers ideal for protection of medical electronic equipment in patient-care areas. Faraday shield reduces the cumulative leakage current of the Isolator and connected equipment to levels less than 100 microamps. Secondary neutral-to-ground bonding virtually eliminates common mode noise, providing an isolated neutral-ground reference for sensitive equipment, and an inexpensive alternative to dedicated circuits and site electrical upgrades. Removes EMI/RFI noise, utility switching transients and harmonics generated by other on-site loads and utility or lightning related surge conditions. Active transformer filtering provides continuous common-mode noise rejection with no wearable parts. Unique ability to reduce surges in the worst of power environments to harmless levels. Reduces 6000V IEEE587 Cat A&B ring wave and combination wave test surges to only 0.5V common mode. Model IS1000HG includes 4 widely spaced NEMA 5-15R hospital-grade output receptacles, a 10-ft. power cord, hospital-grade input plug, circuit breaker overload protection, and lighted power switch. Rugged all-metal unit housing; ships ready for placement in any industrial, medical, office or network environment. PLUG/OUTLETS: Input - NEMA 5-15P Hospital Grade; Output - 4 NEMA 5-15R Hospital Grade ELECTRICAL: 120V AC, 60Hz, 8.3A (Requires NEMA 5-15R wall receptacle)

#### Package Includes

- IS1000HG Isolation Transformer
- Instruction manual with warranty information

#### Features

- The IS1000HG Medical Grade Isolation Transformer offers line isolation and continuous noise filtering
- Internal low-impedance isolation transformer with Faraday shield offers 100% isolation from the input AC line
- Full UL60601-1 medical-grade listing with hospital-grade plug and outlet receptacles makes Isolator Hospital Grade transformers ideal for the protection of sensitive electronic equipment in patient-care areas
- Reduces the cumulative leakage current of the Isolator and connected equipment to levels less than 100 microamps
- Secondary neutral to ground bonding eliminates common mode noise, providing an isolated ground reference for sensitive equipment
- Serves as an inexpensive alternative to the installation of dedicated circuits and site electrical upgrades
- Removes EMI/RFI noise, utility switching transients, load generated harmonics and ground loops
- Active transformer filtering offers continuous common-mode noise rejection with no wearable parts, uniquely able to reduce surges in the worst of power environments to harmless levels
- Reduces 6000V IEEE587 Cat A&B ring wave and combination wave test surges to only 0.5V common mode
- Includes 4 widely spaced NEMA5-15R hospital grade output receptacles, a 10-ft power cord, hospital grade input plug, circuit breaker overload protection and lighted power switch
- Rugged all-metal unit housing; ships ready for upright tower placement in any industrial, medical, office or network environment

#### Specifications

|                                        |                                                                           |
|----------------------------------------|---------------------------------------------------------------------------|
| <b>OVERVIEW</b>                        |                                                                           |
| Amp Capacity                           | 8.8A at 120V AC                                                           |
| Efficiency                             | 96%                                                                       |
| Form Factor                            | Small tower format                                                        |
| Input Plug Type                        | NEMA 5-15P-HG                                                             |
| Leakage Current                        | Less than 100 microamps                                                   |
| Let-through Voltage (Combination Wave) | L-N: 250V L-G: 250V N-G: 0.5V                                             |
| Let-through Voltage (Ring Wave)        | L-N: 20V L-G: 20V N-G: 0.5V                                               |
| Noise Suppression Rating               | 35-65 DB                                                                  |
| Nominal Voltage / Frequency            | 120V / 60Hz                                                               |
| Output Receptacle Qty / Type           | 4 NEMA 5-15R-HG                                                           |
| Over Current Protection                | 1 x Thermal, 2 pole, 10 amp                                               |
| Shipping Weight                        | 38.00 lbs                                                                 |
| Total Harmonic Distortion              | Less than 1%                                                              |
| Transformer Type                       | Medical-grade, low impedance transformer-based line isolation transformer |
| Unit Dimensions (HWD/in.)              | 7.75 x 7.25 x 10.5                                                        |
| VA / Watt Capacity                     | 1000                                                                      |
| <b>INPUT</b>                           |                                                                           |
| Input cord length (ft.)                | 10                                                                        |
| Input cord length (m)                  | 3.05                                                                      |
| <b>PHYSICAL</b>                        |                                                                           |
| Cooling method                         | Convection                                                                |
| Unit Dimensions (HWD/cm)               | 19.66 x 18.42 x 26.67                                                     |
| <b>CERTIFICATIONS</b>                  |                                                                           |
| Certifications                         | Tested to UL60601-1                                                       |
| <b>WARRANTY</b>                        |                                                                           |
| Product Warranty Period (Worldwide)    | 2-year limited warranty                                                   |

More information, including related products, owner's manuals, and additional technical specifications, can be found online at [www.tripplite.com/en/products/model.cfm?txtModelID=231](http://www.tripplite.com/en/products/model.cfm?txtModelID=231).

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