

Isolator Series 120V 1000W UL60601-1 Medical-Grade Isolation Transformer with 4 Hospital-Grade Outlets

MODEL NUMBER: IS1000HG



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

Package Includes

- IS1000HG Isolation Transformer
- Instruction manual with warranty information

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)

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

| OVERVIEW | |
|--|---|
| Efficiency | 96% |
| 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 |
| Nominal Voltage / Frequency | 120V / 60Hz |
| Over Current Protection | 1 x Thermal, 2 pole, 10 amp |
| Shipping Weight | 38.00 lbs |
| Total Harmonic Distortion | Less than 1% |
| VA / Watt Capacity | 1000 |
| Transformer Type | Medical-grade, low impedance transformer-based line isolation transformer |
| OUTPUT | |
| Output Receptacles | (4) 5-15R-HG |
| Output Amp Capacity | 8.8 |
| INPUT | |
| Input Cord Length (ft.) | 10 |
| Input Cord Length (m) | 3.05 |
| Input Plug Type | NEMA 5-15P-HG |
| SURGE / NOISE SUPPRESSION | |
| Noise Suppression Rating | 35-65 DB |
| ISOLATION | |
| Leakage Current | Less than 100 microamps |
| PHYSICAL | |
| Unit Dimensions (hwd / in.) | 7.75 x 7.25 x 10.5 |
| Unit Dimensions (hwd / cm) | 19.66 x 18.42 x 26.67 |
| Cooling Method | Convection |



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|-------------------------------------|-------------------------|
| Form Factors Supported | Tower |
| CERTIFICATIONS | |
| Certifications | Tested to UL60601-1 |
| WARRANTY | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |

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