

Isolator Series 120V 500W UL 60601-1 Medical-Grade Isolation Transformer with 4 Hospital-Grade Outlets, TAA

MODEL NUMBER: IS500HG



Highlights

- Complete line isolation and noise filtering
- Hospital-grade plug and receptacles
- Lowers cumulative leakage current of connected equipment to under 100 A
- Floating AC output prevents noise coupling
- TAA-compliant

Package Includes

- IS500HG Isolation Transformer
- Instruction manual with warranty information

Description

Isolator Series UL 60601-1 Listed Medical-Grade Isolation Transformers offer line isolation and continuous noise filtering. An internal low-impedance isolation transformer component offers 100% isolation from the input AC line. Full UL 60601-1 medical-grade listing with hospital-grade plug and outlet receptacles makes Isolator medical-grade transformers ideal for protecting sensitive 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. Removes EMI/RFI noise, utility switching transients and harmonics generated by other on-site loads. Reduces impact of utility-related surge conditions. Transformer filtering provides continuous common-mode noise rejection with no wearable parts. Reduces 6000V IEEE587 Category A & B ring wave and combination wave test surges to only 0.5V common mode. Includes four widely spaced NEMA 5-15R hospital-grade output receptacles, 10-ft. (3.05 m) power cord, hospital-grade input plug, circuit breaker overload protection, lighted power switch and rugged all-metal 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, 60 Hz, 4.2A (requires NEMA 5-15R wall receptacle).

Features

- Offers line isolation and continuous noise filtering
- Internal low-impedance isolation transformer with Faraday shield offers 100% isolation from the input AC line
- Full UL 60601-1 medical-grade listing with hospital-grade plug and outlet receptacles for the protection of sensitive electronic equipment in patient-care areas
- Reduces cumulative leakage current of the Isolator and connected equipment to levels less than 100 A
- Floating AC output prevents noise coupling from noisy hospital ground circuits
- Inexpensive alternative to dedicated circuits and site electrical upgrades
- Removes EMI/RFI noise, utility switching transients, load-generated harmonics and ground loops
- Transformer filtering offers continuous common-mode noise rejection with no wearable parts
- Reduces 6000V IEEE587 Cat A & B ring wave and combination wave test surges to only 0.5V common mode
- Includes 4 widely spaced NEMA 5-15R hospital-grade output receptacles, 10-ft. (3.05 m) power cord, hospital-grade input plug, circuit breaker overload protection, lighted power switch and rugged all-metal unit housing



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TRIPP LITE
SERIES

- Ships ready for upright tower placement in any industrial, medical, office or network environment

Specifications

| OVERVIEW | |
|--|---|
| UPC Code | 037332115898 |
| 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 |
| VA / Watt Capacity | 500 |
| Transformer Type | Medical Grade, Low Impedance transformer-based line isolation transformer |
| INPUT | |
| Input Plug Type | NEMA 5-15P-HG |
| Total Harmonic Distortion | Less than 1% |
| Input Cord Length (ft.) | 10 |
| Input Cord Length (m) | 3.05 |
| OUTPUT | |
| Output Receptacles | (4) 5-15R-HG |
| Output Amp Capacity | 4.2 |
| ISOLATION | |
| Leakage Current | Less than 100 microamps |
| SURGE / NOISE SUPPRESSION | |
| Noise Suppression Rating | 35-65 dB |
| PHYSICAL | |
| Cooling Method | Convection |
| Form Factors Supported | Tower |
| Shipping Dimensions (hwd / in.) | 8.30 x 9.00 x 11.40 |
| Shipping Dimensions (hwd / cm) | 21.08 x 22.86 x 28.96 |
| Shipping Weight (lbs.) | 24.40 |
| Shipping Weight (kg) | 11.07 |
| Unit Dimensions (hwd / in.) | 5.750 x 6.250 x 9.250 |
| Unit Dimensions (hwd / cm) | 14.61 x 15.88 x 23.50 |



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TRIPP LITE
SERIES

| FEATURES & SPECIFICATIONS | |
|-------------------------------------|----------------------------------|
| Over Current Protection | 1 x Thermal, 2 Pole, Rocker |
| STANDARDS & COMPLIANCE | |
| Product Certifications | UL 60601-1 |
| Product Compliance | RoHS; Trade Agreements Act (TAA) |
| WARRANTY & SUPPORT | |
| Product Warranty Period (Worldwide) | 2-year limited warranty |

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