

# Isolation Transformer

Superior line noise reduction and spike suppression



## Model #: IS1000

- ▶ Complete line isolation, noise filtering and surge suppression is ideal for sensitive equipment
- ▶ 1000 watts, 4 outlets, 6-ft. power cord
- ▶ 2-year product warranty

## DESCRIPTION

Tripp Lite Isolator series isolation transformers offer complete line isolation, continuous noise filtering and enhanced common mode surge suppression. Internal low-impedance isolation transformer component with Faraday Shield offers 100% isolation from the input AC line. Secondary neutral to ground bonding eliminates common mode noise, providing an isolated ground reference for sensitive equipment and an inexpensive alternative to the installation of dedicated circuits and site electrical upgrades. Removes EMI/RFI noise, utility switching transients, background spikes generated by other on-site loads and utility or lightning related surge conditions. Additional surge suppression components placed at both the line input and transformer output combined with full line isolation offers continuous line filtering of a full range of power line noise in all modes. Active transformer filtering with no wearable parts is 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. Model IS1000 offers 1000 watts capacity with 4 widely spaced output receptacles, a 6 ft power cord, circuit breaker overload protection and lighted power switch. Rugged all-metal unit housing ships ready for upright tower or wallmount placement in industrial, medical, office or network environment. 2 year manufacturers warranty.

PLUG / OUTLETS: Input: NEMA 5-15P / Output: 4 NEMA5-15R

ELECTRICAL: 120V AC, 60Hz, 8.3A, (Requires NEMA5-15R wall receptacle)

FORMAT: Upright tower with keyhole flanges for wall mount placement

ISOLATION: Transformer based line isolation with Faraday shield

## KEY BUYING POINTS

- Tripp Lite Isolator series isolation transformers offer complete transformer-based line isolation, continuous noise filtering and enhanced common mode surge suppression
- Supports combined loads up to 1000 watts continuous / 8.3A at 120V
- Isolation transformer with Faraday Shield offers 100% isolation from the input AC line
- Neutral to ground bonding at the secondary eliminates common mode noise and provides an isolated ground reference for sensitive equipment
- Isolation transformer design serves as an inexpensive alternative to the installation of dedicated circuits and site electrical upgrades
- Removes EMI/RFI noise, utility switching transients, background spikes and power problems generated by other on-site loads, utility grid-switching and lightning related surges
- Line isolation with additional surge suppression components offer continuous line filtering of a full range of power line noise in all modes
- Active filtering with no wearable parts reduces surges in the worst of power environments to harmless levels
- Includes 4 widely-spaced NEMA5-15R output receptacles, 6 ft power cord, circuit breaker overload protection and lighted power switch
- Rugged all-metal housing ships ready for upright tower or wallmount installation
- 2 year product warranty

## TYPICAL APPLICATIONS

- Offers fully isolated ground reference with enhanced surge and noise filtering for sensitive point of sale (POS) equipment, telecommunications systems, diagnostic testing and precise measurement devices, sophisticated CAD/CAM workstations, computer

networking equipment and other pieces of sensitive electronic equipment.

## PACKAGE INCLUDES

- IS1000 Isolation transformer system
- Instruction manual with warranty information

## COMPLETE SPECIFICATIONS

Nominal Voltage / Frequency	120V / 60Hz
VA / Watt Capacity	1000
Amp Capacity	8.3A at 120V AC
Transformer Type	Low impedance transformer-based line isolation transformer
Total Harmonic Distortion	less than 1%
Over Current Protection	Yes, 9.0A circuit breaker
Output Receptacle Qty / Type	4 NEMA5-15R Outlets
Input Plug Type	NEMA5-15P Plug
Input Cord Length	6.00 ft. / 1.83 m
Efficiency	96%
Suppression Joule Rating	680 Joules Total (510 joules input / 170 joules output)
Noise Suppression Rating	35-65 DB
Surge Test Conditions	Per ANSI/IEEE C62.41 - IEEE587 Cat. A & B test waveforms
Let-through Voltage (Ring Wave)	L-N: 20V L-G: 20V N-G: 0.5V
Let-through Voltage (Combination Wave)	L-N: 250V L-G: 250V N-G: 0.5V
Cooling Method	Convection
Form Factor	Small tower format, wall mountable
Unit Dimensions (HWD/in.)	7.25 x 7.25 x 10.5
Shipping Weight	38.00 lbs. / 17.24 kg
Warranty	2 year warranty
Approvals	UL, cUL

*The policy of Tripp Lite is one of continuous improvement.  
Specifications are subject to change without notice.  
Therefore, your product may vary slightly from what is currently listed.*



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