

## Isolator Series 120V 1000W Isolation Transformer-Based Power Conditioner, 4 Outlets

MODEL NUMBER: IS1000



### Description

Get complete protection for sensitive devices and prevent power disruption with Tripp Lite's Isolator IS1000 Isolation Transformer. Featuring an internal isolation transformer with Faraday Shield, the IS1000 completely isolates equipment from line noise that can cause incremental but devastating equipment damage. Its 680-joule surge suppression rating protects equipment from surges and spikes caused by utility power disruptions and the operation of nearby equipment on the same circuit. Its 6-ft. power cord allows for flexibility during installation, while its built-in circuit breaker prevents dangerous circuit overloads. Its 1000-watt capacity allows it to be used with a variety of sensitive equipment. Its 4 widely spaced NEMA 5-15R outlets accommodate bulky transformers, and its lighted power switch offers convenient, one-touch power control. For peace of mind, the IS1000 features a rugged, all-metal housing and comes with a 2-year warranty.

### Features

- Tripp Lite Isolator series isolation transformer-based power conditioners offer complete 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
- Continuous transformer 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

### Highlights

- Completely isolated protection with enhanced surge suppression and noise filtering
- Faraday Shield offers 100% isolation from the input AC line
- 1000-watt continuous capacity with 4 NEMA 5-15R outlets
- 680-joule surge suppression rating
- 6-ft. power cord with NEMA 5-15P plug
- 9A circuit breaker provides overload protection
- Convenient, lighted power switch for simple power control
- 2-year warranty
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

### 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
- Owner's Manual



## Specifications

| OVERVIEW                               |  |
|--|--|
| Efficiency                             | 96%  |
| Let-through Voltage (Combination Wave) | L-N: <130V L-G: <10V N-G: <0.5V IEEE C62.41 Cat. B         |
| Let-through Voltage (Ring Wave)        | L-N: <10V L-G: <10V N-G: <0.5V IEEE C62.41 Cat. A          |
| Nominal Voltage / Frequency            | 120V / 60Hz  |
| Over Current Protection                | Yes, 9.0A circuit breaker                                  |
| Suppression Joule Rating               | 680 Joules   |
| Surge Test Conditions                  | Per ANSI/IEEE C62.41 - IEEE587 Cat. A & B test waveforms   |
| Total Harmonic Distortion              | less than 1%   |
| VA / Watt Capacity                     | 1000   |
| Transformer Type                       | Low impedance transformer-based line isolation transformer |
| OUTPUT                                 |  |
| Output Receptacles                     | (4) 5-15R  |
| Output Amp Capacity                    | 8.3  |
| INPUT                                  |  |
| Input Cord Length (ft.)                | 6  |
| Input Cord Length (m)                  | 1.83   |
| Input Plug Type                        | NEMA 5-15P   |
| SURGE / NOISE SUPPRESSION              |  |
| Noise Suppression Rating               | 33-65dB normal mode; >80dB common mode                     |
| PHYSICAL                               |  |
| Shipping Dimensions (hwd / in.)        | 6.25 x 13 x 7.5  |
| Shipping Dimensions (hwd / cm)         | 15.88 x 33 x 19.1  |
| Shipping Weight (lbs.)                 | 24.6   |
| Shipping Weight (kg)                   | 11.15  |
| Unit Dimensions (hwd / in.)            | 5.5 x 6.25 x 8.5   |
| Unit Dimensions (hwd / cm)             | 13.97 x 15.88 x 21.6                                       |
| Unit Weight (lbs.)                     | 22.6   |
| Unit Weight (kg)                       | 10.25  |



**Tripp Lite**  
1111 W. 35th Street  
Chicago, IL 60609 USA  
Telephone: 773.869.1234  
[www.tripplite.com](http://www.tripplite.com)

|                                     |                         |
|-------------------------------------|-------------------------|
| Cooling Method                      | Convection              |
| Form Factors Supported              | Tower                   |
| <b>WARRANTY</b>                     |                         |
| Product Warranty Period (Worldwide) | 2-year limited warranty |

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