



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



## Isolator Series 120V 500W Isolation Transformer-Based Power Conditioner, 4 Outlets

MODEL NUMBER: IS500



### Highlights

- Complete line isolation, noise filtering and surge suppression is ideal for sensitive equipment
- 500 watts, 4 outlets, 6-ft. power cord
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

### Package Includes

- IS500 Isolation transformer system
- Instruction manual with warranty information

### Description

Tripp Lite Isolator series isolation transformer-based power conditioners offer complete line isolation, continuous noise filtering and enhanced normal and 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. Continuous transformer filtering with no wearable parts uniquely reduces surges in the worst of power environments to harmless levels. Reduces 6000V IEEE C62.41 Cat A&B ring wave and combination wave test surges to only 0.5V common mode. Model IS500 offers 500 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.

### 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 500 watts continuous/4.2A 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

## Specifications

OVERVIEW	
UPC Code	037332070050
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, 4.5A circuit breaker
Suppression Joule Rating	680
Surge Test Conditions	Per ANSI/IEEE C62.41 - (IEEE587) Cat. A & B test waveforms
Total Harmonic Distortion	less than 1%
VA / Watt Capacity	500
Transformer Type	Low impedance isolation transformer
OUTPUT	
Output Receptacles	(4) 5-15R
Output Amp Capacity	4.2
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.)	7.25 x 13.25 x 6.00



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

Shipping Dimensions (hwd / cm)	18.42 x 33.66 x 15.24
Shipping Weight (lbs.)	23.60
Shipping Weight (kg)	10.70
Unit Dimensions (hwd / in.)	5.5 x 6.25 x 8.5
Unit Dimensions (hwd / cm)	13.97 x 15.88 x 21.59
Unit Weight (lbs.)	22.6
Unit Weight (kg)	10.25
Cooling Method	Convection
Form Factors Supported	Tower
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	2-year limited warranty

© 2018 Tripp Lite. All rights reserved. All product and company names are trademarks or registered trademarks of their respective holders. Use of them does not imply any affiliation with or endorsement by them. Tripp Lite has a policy of continuous improvement. Specifications are subject to change without notice. Tripp Lite uses primary and third-party agencies to test its products for compliance with standards. See a list of Tripp Lite's testing agencies: <https://www.tripplite.com/products/product-certification-agencies>