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

MODEL NUMBER: **IS1000**

Highlights

- Complete line isolation, noise filtering and surge suppression, ideal for sensitive equipment
- 1000 watts, 120 volts, 4 outlets, 6-ft. input cord
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Package Includes

- IS1000 Isolation Transformer
- Owner's Manual

Description

Get complete protection for sensitive devices and prevent power disruption with the 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 six-foot 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 four 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.

Features

- 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 other 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	037332070067
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
Surge Test Conditions	Per ANSI/IEEE C62.41 - (IEEE587) Cat. A & B test waveforms
VA / Watt Capacity	1000
Suppression Joule Rating	680
Transformer Type	Low Impedence transformer-based line isolation transformer
INPUT	
Input Plug Type	NEMA 5-15P
Total Harmonic Distortion	less than 1%
Input Cord Length (ft.)	6
Input Cord Length (m)	1.83
OUTPUT	
Output Receptacles	(4) 5-15R
Output Amp Capacity	8.3
SURGE / NOISE SUPPRESSION	
Noise Suppression Rating	33-65 dB normal mode; > 80 dB common mode
PHYSICAL	
Cooling Method	Convection
Form Factors Supported	Tower
Shipping Dimensions (hwd / in.)	6.25 x 13.00 x 7.50
Shipping Dimensions (hwd / cm)	15.88 x 33.02 x 19.05
Shipping Weight (lbs.)	24.58
Shipping Weight (kg)	11.15
Unit Dimensions (hwd / in.)	5.500 x 6.250 x 8.500
Unit Dimensions (hwd / cm)	13.97 x 15.88 x 21.6
Unit Weight (lbs.)	22.60
Unit Weight (kg)	10.25
FEATURES & SPECIFICATIONS	

Over Current Protection	Yes, 9.0A circuit breaker
STANDARDS & COMPLIANCE	
Product Compliance	Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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