Isolator Series 120V 250W Isolation Transformer-Based Power Conditioner, 2 Outlets

MODEL NUMBER: **IS250**

Highlights

- Complete line isolation, noise filtering and surge suppression is ideal for sensitive equipment
- 250 watts, 2 outlets, 6-ft. power cord
- Compliant with the Federal Trade Agreements Act (TAA) for GSA Schedule purchases

Package Includes

- IS250 Isolation transformer system
- Instruction manual with warranty information

Description

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 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 IS250 offers 250W capacity with two widely spaced output receptacles, a six-foot power cord, circuit breaker overload protection and lighted power switch. Rugged all-metal unit housing ships ready for upright tower or wall-mount placement in industrial, medical, office or network environment.

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 250 watts continuous/2.1A 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 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 2 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

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Specifications

OVERVIEW	
UPC Code	037332070043
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	250
Suppression Joule Rating	680
Transformer Type	Low Impedence Isolation Transformer
INPUT	
Input Circuit Breakers	One 3A thermal breaker
Maximum Input Amps	2.2
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	(2) 5-15R
Output Amp Capacity	2.1
SURGE / NOISE SUPPRESSION	
Noise Suppression Rating	33-65 dB normal mode; > 80 dB common mode
PHYSICAL	
Cooling Method	Convection
Form Factors Supported	Tower
Receptacle Color	Black
Shipping Dimensions (hwd / in.)	5.40 x 7.10 x 9.00
Shipping Dimensions (hwd / cm)	13.72 x 18.03 x 22.86
Shipping Weight (lbs.)	13.90
Shipping Weight (kg)	6.30

Unit Dimensions (hwd / in.)	4.750 x 4.750 x 7.500
Unit Dimensions (hwd / cm)	12.07 x 12.07 x 19.05
Unit Weight (lbs.)	12.8
Unit Weight (kg)	5.81
FEATURES & SPECIFICATIONS	
Over Current Protection	Yes, 2A circuit breaker
STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 107.1 (Canada); UL 1021
Product Compliance	RoHS; Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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