Isolator Series 120V 250W UL 60601-1 Medical-Grade Isolation Transformer with 2 Hospital-Grade Outlets, TAA

MODEL NUMBER: **IS250HG**









Highlights

- Complete line isolation and noise filtering
- 250 watts, 2 outlets, 10-ft. (3.05 m) power cord
- Hospital-grade plug and receptacles
- Lowers cumulative leakage current of connected equipment to under 100 A
- TAA-compliant

Package Includes

- IS250HG Isolation Transformer
- Instruction manual with warranty information

Description

Isolator Series UL 60601-1 Listed Medical-Grade Isolation Transformers offer line isolation and continuous noise filtering. An internal low-impedance isolation transformer component offers 100% isolation from the input AC line. Full UL 60601-1 medical-grade listing with hospital-grade plug and outlet receptacles makes Isolator medical-grade transformers ideal for protecting sensitive electronic equipment in patient-care areas. Faraday shield reduces the cumulative leakage current of the Isolator and connected equipment to levels less than 100 microamps. Removes EMI/RFI noise, utility switching transients and harmonics generated by other on-site loads. Reduces impact of utility-related surge conditions. Transformer filtering provides continuous common-mode noise rejection with no wearable parts. Reduces 6000V IEEE587 Category A & B ring wave and combination wave test surges to only 0.5V common mode. Includes two NEMA 5-15R hospital-grade output receptacles, 10-ft. (3.05 m) power cord, hospital-grade input plug, circuit breaker overload protection, lighted power switch and rugged all-metal unit housing. Ships ready for placement in any industrial, medical, office or network environment. PLUG/OUTLETS: Input - NEMA 5-15P Hospital Grade; Output - 2 NEMA 5-15R Hospital Grade ELECTRICAL: 120V AC, 60 Hz, 2.2A (requires NEMA 5-15R wall receptacle).

Features

- Offers line isolation and continuous noise filtering
- Internal low-impedance isolation transformer with Faraday shield offers 100% isolation from the input AC line
- Full UL 60601-1 medical-grade listing with hospital-grade plug and outlet receptacles for the protection of sensitive electronic equipment in patient-care areas
- Reduces cumulative leakage current of the Isolator and connected equipment to levels less than 100 A
- Floating AC output prevents noise coupling from noisy hospital ground circuits
- Inexpensive alternative to dedicated circuits and site electrical upgrades
- Removes EMI/RFI noise, utility switching transients, load-generated harmonics and ground loops
- Transformer filtering offers continuous common-mode noise rejection with no wearable parts
- Reduces 6000V IEEE587 Cat A & B ring wave and combination wave test surges to only 0.5V common mode
- Includes 2 NEMA 5-15R hospital-grade output receptacles, 10-ft. (3.05 m) power cord, hospital-grade input plug, circuit breaker overload protection, lighted power switch and rugged all-metal unit housing
- Ships ready for upright tower placement in any industrial, medical, office or network environment

Specifications

OVERVIEW	
UPC Code	037332116208
Efficiency	96%
Let-through Voltage (Combination Wave)	L-N: 250V L-G: 250V N-G: 0.5V
Let-through Voltage (Ring Wave)	L-N: 20V L-G: 20V N-G: 0.5V
Nominal Voltage / Frequency	120V / 60Hz
VA / Watt Capacity	250
Transformer Type	Medical Grade, Low Impedance transformer-based line isolation transformer
INPUT	
Input Plug Type	NEMA 5-15P-HG
Total Harmonic Distortion	Less than 1%
Input Cord Length (ft.)	10
Input Cord Length (m)	3.05
OUTPUT	
Output Receptacles	(2) 5-15R-HG
Output Amp Capacity	2.1
ISOLATION	
Leakage Current	Less than 100 microamps
SURGE / NOISE SUPPRESSION	
Noise Suppression Rating	35-65 dB
PHYSICAL	
Cooling Method	Convection
Form Factors Supported	Tower
Shipping Dimensions (hwd / in.)	7.00 x 6.90 x 10.30
Shipping Dimensions (hwd / cm)	17.78 x 17.53 x 26.16
Shipping Weight (lbs.)	14.50
Shipping Weight (kg)	6.58
Unit Dimensions (hwd / in.)	4.500 x 4.750 x 7.750
Unit Dimensions (hwd / cm)	11.43 x 12.07 x 19.69

FEATURES & SPECIFICATIONS	
Over Current Protection	2.5A circuit breaker
STANDARDS & COMPLIANCE	
Product Certifications	UL 60601-1
Product Compliance	RoHS; Trade Agreements Act (TAA)
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty

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