Isobar Surge Suppressor

Premium surge, spike and line noise protection

Model #: ISOTEL

▶ 4 outlets/6-ft. cord

▶ 2700 joule rating

▶ All metal housing

▶ Isolated filter banks

▶ Modem/fax surge protection

▶ $50,000 Ultimate Lifetime Insurance (USA & Canada only)

DESCRIPTION

For more than 20 years, America's leading companies have trusted Tripp Lite's Isobar Premium surge and noise suppressors to protect sensitive computer, networking and telecom equipment. With more than 14 million satisfied customers, the Isobar remains the world's #1 selling premium surge suppressor. Loaded with a generous combination of high quality components, near indestructible all-metal case, unique noise filtration system and built-in single line phone suppression for modems, the Isobar / Isotel series offers the highest level of protection attainable in a multi-outlet strip. Robust surge suppression circuits with sine-wave tracking offer extreme levels of protection against the heaviest surge conditions exceeding IEEE 587 category A & B specifications and reducing 6,000V test surges to harmless levels under 35 volts. Isobar's unique protection system combines large torroidal chokes, ferrite rod-core inductors, HF/VHF capacitors and multiple layers of metal oxide varistors into exclusive isolated filter banks that remove EMI/RFI interference, even noise generated by other pieces of connected equipment. ISOTEL offers 4 outlets arranged in two filter banks to prevent system crashes, reboots and performance problems common as noisy system peripherals are powered off and on. Surge suppression rated at 2700 joules / 92,000 amps offers network-grade protection. Widely spaced NEMA 5-15 outlets accommodate up to 4 large transformer plugs without blocking outlets. Pair of RJ11 jacks offer single phone line surge suppression for modems, fax machines and cordless phones. Includes 6 foot AC line cord with space-saving angled input plug and keyhole mounting tabs. Lifetime warranty with $50,000 Ultimate Lifetime connected equipment Insurance (USA & Canada Only).

PLUG / OUTLETS: Input: NEMA 5-15P / Output: 4 NEMA5-15R / 6-ft. AC line cord

ELECTRICAL: 120V AC, 50/60Hz (Requires NEMA 5-15R wall receptacle)

SUPPRESSION: AC: 140V RMS Clamping / 2700 joules / 92,000 amps PHONE: Single line protection starts at 260V

FORMAT: Corded all-metal strip with transformer spaced outlets

KEY BUYING POINTS

- Tripp Lite's ISOBAR / ISOTEL is the world's #1 selling premium suppressor series with more than 14 million satisfied customers and a safety-tested history of 20+ years
- Robust surge suppression with sine-wave tracking protects against the heaviest of surge conditions, exceeding IEEE category A&B specifications and reducing 6,000V test surges to harmless levels less than 35 volts
- Multi-component suppression circuits combine torroidal chokes, ferrite rod-core inductors, HF/VHF capacitors and multiple layers of metal oxide varistors into exclusive isolated filter banks that remove EMI/RFI interference, even noise from other pieces of connected equipment
- Single phone line surge suppression protects modems, fax machines and cordless phones (2 wire, single line, RJ11 jacks)
- 4 outlets arranged in two filter banks prevent system crashes, reboots and performance problems common as noisy peripherals are powered off and on
- Network grade surge suppression rated at 2700 joules / 92,000 amps
- Widely spaced outlets accommodate up to 4 large transformer plugs without blocking outlets
- Lighted power switch confirms power on/off status
- 6 foot AC line cord with space-saving angled input plug
- Keyhole mounting tabs allow permanent installation

- 120V AC, 50/60Hz electrical compatibility
- $50,000 ultimate lifetime Insurance (USA & Canada Only)
- Lifetime product warranty
- UL1449 listed - surge suppression (330V let-through), UL1283 listed - EMI protection, UL1363 listed - power tap, UL497A listed - communications suppression, cUL approved to Canadian standards, Complies with part 68 - FCC rules

TYPICAL APPLICATIONS

- Ideal for premium AC and phone line protection for personal computers with peripherals, network and CAD / CAM / CAE workstations, internetworking accessories, telecommunications systems, point of sale equipment, audio / video and home theater systems in any home, office or industrial application.

PACKAGE INCLUDES

- ISOTEL Surge Suppressor
- RJ11 telephone cable
- Instruction manual with warranty information

COMPLETE SPECIFICATIONS

SYSTEM OVERVIEW	
System overview:	ISOTEL premium surge and noise suppression system prevents equipment damage and performance problems resulting from damaging transient surges and line noise. Active filter network maintains noise-free output with zero reaction / response time. Includes single line phone surge suppression and cable. Rugged all-metal, mountable housing fitted with high quality duplex style output receptacles. 4 outlets, 2700 joules AC protection level, less than 35V let through voltage.
Voltage compatibility:	120 VAC
Frequency compatibility:	50/60 Hz
OUTPUT	
Output volt amp capacity (amps):	12
Output watt capacity (watts):	1440
Outlet quantity / type:	4 NEMA 5-15R output receptacles, high quality duplex style
Transformer accomodation:	Supports up to 2 large transformer plug accessories without covering remaining outlets
INPUT	
Input connection type:	NEMA 5-15P input plug
Input cord length (ft.):	6
Input cord length (m):	1.8
Recommended electrical service:	120V 15A
LEDS ALARMS & SWITCHES	
Switches:	Two position red illuminated on/off power switch
AC SURGE / NOISE SUPPRESSION	
Protection modes:	Includes full normal mode (H-N) and common mode (N-G / H-G) line surge suppression
AC suppression joule rating:	2700 joules
Clamping voltage (RMS):	140V
AC suppression response time:	NM = 0 ns. CM = <1 ns
AC suppression surge current rating:	92,000 amps (36,000 NM / 56,000 CM)

AC suppression components used:	Metal oxide varistors, toroidal balanced chokes, ferrite rod-core inductors and VHF capacitors.
Safe thermal fusing:	Prevents unsafe conditions during extreme extended overvoltages and catastrophic occurences
UL1499 let through rating:	330V - UL Verified
IEEE587 Cat. A ringwave let through:	Less than 35 volts
EMI / RFI filtering:	40-80 dB
Isolated filter banks:	Unique isolated filter bank design offers additional filtering between each duplex pair of outlets on the strip to prevent electrical noise interference between connected loads. Includes 2 filter banks.
Immunity:	Conforms to IEE 587 / ANSI C62.41
DATALINE SURGE SUPPRESSION	
TEL / Modem line protection:	Includes single line phone suppression via built-in RJ11 connectors, includes cable (260V clamping, center 2 wires protected)
PHYSICAL	
Unit Dimensions (HWD/in):	2.5 x 6 x 3.5
Unit Dimensions (HWD/cm):	6.4 x 15.2 x 8.9
Material of construction:	Extruded aluminum
Integrated keyhole mounting tabs:	Metal end caps are fitted with keyhole mounting tabs for wallmount installation
Housing color:	Gray
Receptacle color:	Black
AC line cord color:	Gray
CERTIFICATIONS	
UL1449 1998 Rev. (AC Suppression):	UL1449
UL1283 (EMI Filter):	UL1283
UL1363 (Power Tap):	UL1363
UL497A (Communications):	UL497A
FCC Part 68 (Communications):	FCC Part 68
cUL / CSA (Canada):	cUL
Industry Canada (Communications):	Industry Canada
Approvals:	Exceeds IEEE 587 category A&B specifications
WARRANTY	
Product warranty:	Lifetime
Connected equipment insurance (USA and Canada Only):	Up to $50,000
SPECIAL FEATURES	
Appearance:	Rugged all-metal corded strip format with high quality duplex receptacles

The policy of Tripp Lite is one of continuous improvement.
Specifications are subject to change without notice.
Therefore, your product may vary slightly from what is currently listed.

TRIPP·LITE

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