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## Model #: ISOTEL8ULTRA

### Isobar Surge Suppressor - Premium surge, spike and line noise protection

#### Highlights

- 8 outlets / 12-ft. cord
- 2850 joule rating
- All metal housing with LEDs
- Isolated filter banks
- Modem/fax surge protection
- \$50,000 [Ultimate Lifetime Insurance](#) (USA, Puerto Rico & 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 toroidal 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. ISOTEL8ULTRA offers 8 outlets arranged in four filter banks to prevent system crashes, reboots and performance problems common as noisy system peripherals are powered off and on. Surge suppression rated at 2850 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. Diagnostic LEDs confirm power availability, line fault and protection status. Includes 12 foot AC line cord with space-saving angled input plug, keyhole mounting tabs and a set of 4 child safety covers. Lifetime warranty with \$50,000 [Ultimate Lifetime connected equipment insurance](#) (USA & Canada Only).

PLUG/OUTLETS: Input: NEMA 5-15P/Output: 8 NEMA5-15R/12-ft. AC line cord

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

SUPPRESSION: AC: 140V RMS Clamping/2850 joules/92,000 amps PHONE: Single line protection starts at 260V

FORMAT: Corded all-metal strip with transformer spaced outlets

#### 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

ISOTEL8ULTRA Surge Suppressor

RJ11 telephone cable  
 Set of 4 outlet safety covers  
 Instruction manual with warranty information

## Features

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 toroidal 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)

8 outlets arranged in four filter banks prevent system crashes, reboots and performance problems common as noisy peripherals are powered off and on

Network grade surge suppression rated at 2850 joules/92,000 amps

Widely spaced outlets accommodate up to 4 large transformer plugs without blocking outlets

3 LED indicators confirm suppressor operation and site wiring status, plus warning of suppressor or electrical fault conditions

Lighted power switch confirms power on/off status

12 foot AC line cord with space-saving angled input plug

Keyhole mounting tabs allow permanent installation

Set of 4 outlet covers safely seal off unused outlets

120VAC, 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

## Specifications

SYSTEM OVERVIEW	
Voltage compatibility	120 VAC
Frequency compatibility	50/60 Hz
OUTPUT	
Output volt amp capacity (amps)	12
Output watts	1440
Outlet quantity / type	8 NEMA 5-15R
Transformer accommodation	Supports up to 4 large transformer plug accessories without covering remaining outlets
INPUT	
Input connection type	NEMA 5-15P input plug
Input cord length (ft.)	12 ft.
Input cord length (m)	3.7
Recommended electrical service	120V, 15A
LEDS ALARMS & SWITCHES	
Diagnostic LEDs	PROTECTION PRESENT (green), LINE FAULT (red) and LINE OK (green)
Switches	Two position red illuminated on/off power switch
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	2850 joules

<b>Clamping voltage (RMS)</b>	140V
<b>AC suppression response time</b>	NM = 0 ns. CM =
<b>AC suppression surge current rating</b>	92,000 amps (36,000 NM / 56,000 CM)
<b>AC suppression components used</b>	Metal oxide varistors, toroidal balanced chokes, ferrite rod-core inductors and VHF capacitors.
<b>Safe thermal fusing</b>	Prevents unsafe conditions during extreme extended over-voltages and catastrophic occurrences
<b>UL1499 let through rating</b>	330V - UL Verified
<b>IEEE587 Cat. A ringwave let through</b>	Less than 35 volts
<b>EMI / RFI filtering</b>	40-80 dB
<b>Isolated filter banks</b>	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 4 filter banks.
<b>Immunity</b>	Conforms to IEE 587 / ANSI C62.41
<b>PHYSICAL</b>	
<b>Unit Dimensions (HWD/in)</b>	2.5 x 9 x 3.5
<b>Unit Dimensions (HWD/cm)</b>	6.4 x 22.9 x 8.9
<b>Material of construction</b>	Metal
<b>Integrated keyhole mounting tabs</b>	Metal end caps are fitted with keyhole mounting tabs for wallmount installation
<b>Receptacle Color</b>	Black
<b>AC line cord color</b>	Gray
<b>CERTIFICATIONS</b>	
<b>UL1449 1998 Rev. (AC Suppression)</b>	UL1449
<b>UL1283 (EMI Filter)</b>	UL1283
<b>UL1363 (Power Tap)</b>	UL1363
<b>UL497A (Communications)</b>	UL497A
<b>FCC Part 68 (Communications)</b>	FCC Part 68
<b>cUL / CSA (Canada)</b>	cUL
<b>Industry Canada (Communications)</b>	Industry Canada
<b>Approvals</b>	Exceeds IEEE 587 category A&B specifications
<b>WARRANTY</b>	
<b>Product warranty</b>	Lifetime
<b>Connected equipment insurance (USA and Canada Only)</b>	\$50,000
<b>SPECIAL FEATURES</b>	
<b>Appearance</b>	Rugged all-metal corded strip format with high quality duplex receptacles
<b>DATALINE SURGE SUPPRESSION</b>	
<b>Telephone / Modem line protection</b>	1 line
<b>Overview</b>	

Style	Strip
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More information, including related products, owner's manuals, and additional technical specifications, can be found online at [www.tripplite.com/products/model.cfm?txtModelID=112](http://www.tripplite.com/products/model.cfm?txtModelID=112).

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