

# Isobar Surge Suppressor

Surge, spike and line noise protection with Hospital-Grade plug & receptacles



## Model #: ISOBAR6ULTRAHG

- ▶ 6 hospital-grade outlets
- ▶ 15-ft. cord with hospital-grade plug
- ▶ 600 joule rating
- ▶ Isolated filter bank
- ▶ All metal housing with LEDs
- ▶ Switch safety cover

## 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 and unique noise filtration system, the Isobar 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 normal mode surge conditions. Isobar's unique protection system combines large torroidal chokes, ferrite rod-core inductors, HF/VHF capacitors and metal oxide varistors into an exclusive isolated filter bank that removes EMI/RFI interference, even noise generated by other pieces of connected equipment. ISOBAR6ULTRAHG offers 6 high quality hospital-grade outlets arranged in one filter bank to prevent system crashes, reboots and performance problems common as noisy system peripherals are powered off and on. Surge suppression rated at 600 joules. Widely spaced NEMA 5-15 hospital-grade outlets accommodate up to 3 large transformer plugs without blocking outlets. Diagnostic LEDs confirm power availability, line fault and protection status. Includes 15 foot AC line cord with high quality hospital-grade input plug, keyhole mounting tabs and a set of 4 child safety covers. Lifetime warranty.

**PLUG / OUTLETS:** Incorporate NEMA 5-15PHG Hospital-grade plug and 6 NEMA 5-15RHG Hospital-grade receptacles

**ELECTRICAL:** 120V AC, 50/60Hz

**SUPPRESSION:** AC: 140V RMS Clamping / 600 joules / 48,000 amps

**FORMAT:** Corded all-metal surge suppressor with transformer spaced outlets

## KEY BUYING POINTS

- Tripp Lite's ISOBAR 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
- Multi-component suppression circuits combine torroidal chokes, ferrite rod-core inductors, HF/VHF capacitors and metal oxide varistors into an exclusive isolated filter bank that removes EMI/RFI interference, even noise from other pieces of connected equipment.
- 6 hospital-grade outlets
- Surge suppression rated at 600 joules
- Widely spaced outlets accommodate up to 3 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 with safety cover confirms power on/off status
- 15-ft., 14 gauge AC line cord with hospital-grade input plug
- Keyhole mounting tabs
- 120V AC, 50/60Hz electrical compatibility
- Lifetime Warranty
- UL1449 listed — surge suppression (330V let-through NM)

- Certified by UL (USA) and cUL (Canada)

## TYPICAL APPLICATIONS

- Ideal for premium protection with hospital-grade receptacles and plug where durability and reliability is required. Not for use where NEC requires hospital-grade receptacles.

## PACKAGE INCLUDES

- ISOBAR6ULTRAHG Surge Suppressor
- Instruction manual with warranty information

## COMPLETE SPECIFICATIONS

SYSTEM OVERVIEW	
System overview:	ISOBAR ULTRA HG premium surge and noise suppression system with hospital-grade plug and outlets 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. Rugged all-metal, mountable housing fitted with high quality duplex style output receptacles. 6 outlets, 600 joules AC protection level, 3 diagnostic LEDs.
Voltage compatibility:	120 VAC
Frequency compatibility:	50/60 Hz
OUTPUT	
Output volt amp capacity (amps):	12
Output watt capacity (watts):	1440
Outlet quantity / type:	6 NEMA 5-15R Hospital-Grade output receptacles
Transformer accomodation:	Supports up to 4 large transformer plug accessories without covering remaining outlets
INPUT	
Input connection type:	NEMA 5-15P hospital grade input plug
Input cord length (ft.):	15
Input cord length (m):	4.6
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
Locking switch cover:	Transparent locking switch cover prevents accidental shutoff
AC SURGE / NOISE SUPPRESSION	
Protection modes:	Includes full normal mode surge suppression (H-N)
AC suppression joule rating:	600 joules
Clamping voltage (RMS):	140V
AC suppression response time:	NM = 0 ns.
AC suppression surge current rating:	48,000 amps
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
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 3 filter banks.
PHYSICAL	
Unit Dimensions (HWD/in):	2.5 x 7 x 3.5
Unit Dimensions (HWD/cm):	6.4 x 17.8 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:	White
AC line cord color:	Gray
CERTIFICATIONS	
UL1449 1998 Rev. (AC Suppression):	UL1449 (Series Number: ISOBAR6ULTRAHG)
UL1363 (Power Tap):	UL1363 (Series Number: ISOBAR6ULTRAHG)
cUL / CSA (Canada):	cUL (Series Number: ISOBAR6ULTRAHG)
WARRANTY	
Product warranty:	Lifetime
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 World Headquarters**  
1111 W. 35th Street  
Chicago, IL 60609 USA

**Customer Support**  
(773) 869-1234

© 2004 Tripp Lite. All Rights Reserved.