

Isobar Surge Suppressor

Premium surge, spike and line noise protection



Model#: ISOBAR2 -6

- ▶ 2 outlets/6 -ft.cord
- ▶ 600joule rating
- ▶ All metal housing
- ▶ \$25,000 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 and enhanced noise filtration system, Isobars offer the highest level of protection. 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 a complete surge and EMI/RFI noise reduction system. ISOBAR2 offers 2 outlets with network-grade surge suppression rated at 600 joules/48,000 amps. Widely spaced NEMA 5-15 outlets accommodate up to 2 large transformer plugs. Includes 6 foot AC line cord with space-saving angled input plug and keyhole mounting tabs. Lifetime warranty with \$25,000 Ultimate Lifetime Connected Equipment Insurance (USA&Canada Only).

PLUG/OUTLETS: Input: NEMA 5-15P / Output: 2 NEMA 5-15R / 6ft. AC line cord

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

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

FORMAT: Corded all-metal strip

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, 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
- 2 AC outlets accommodate up to 2 large transformer plugs
- Network grade surge suppression rated at 600 joules/48,000 amps
- Widely spaced outlets accommodate up to 2 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
- 120VAC, 50/60Hz electrical compatibility
- \$25,000 Ultimate Lifetime Insurance (USA&Canada Only)
- Lifetime product warranty
- UL 1449 listed - surge suppression (330V let-through), UL 1283 listed - EMI protection, UL 1363 listed - power tap, cUL approved to Canadian standards

TYPICAL APPLICATIONS

- Ideal for premium protection of 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

- ISOBAR2-6 Surge Suppressor
- Set of 4 outlets safety covers
- Instruction manual with warranty information

COMPLETE SPECIFICATIONS

SYSTEM OVERVIEW	
System overview:	ISOBAR premium surge and noise suppression system prevents equipment damage and performance problems resulting from damaging transients 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. 2 outlets, 600 joules AC protection level, less than 35V let through voltage.
Voltage compatibility:	120VAC
Frequency compatibility:	50/60Hz
OUTPUT	
Output volt amp capacity (amps):	12
Output watt capacity (watts):	1440
Outlet quantity/type:	2 NEMA 5-15R output receptacles, high quality duplex style
Transformer accommodation:	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
ACSURGE/NOISE SUPPRESSION	
Protection modes:	Includes full normal mode (H-N) and common mode (N-G/H-G) line surge suppression
AC suppression joule rating:	600 joules
Clamping voltage (RMS):	140V
AC suppression response time:	NM=0ns. CM=<1ns
AC suppression surge current rating:	48,000 amps (24,000NM/24,000CM)
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 occurrences
UL 1499 let through rating:	330V -UL Verified
IEEE 587 Cat. A ring wave let through:	Less than 35 volts
EMI/RF filtering:	40-80dB
Immunity:	Conform to IEEE 587/ANSI C62.41

PHYSICAL	
UnitDimensions(HWD/in):	2.5x5x3.5
UnitDimensions(HWD/cm):	6.4x12.7x8.9
Materialofconstruction:	Extrudedaluminum
Integratedkeyholemountingtabs:	Metalendcapsarefittedwithkeyholemountingtabsforwallmountinstallation
Housingcolor:	Gray
Receptaclecolor:	Black
AClinecordcolor:	Gray
CERTIFICATIONS	
UL14491998Rev.(ACSuppression):	UL1449
UL1283(EMIFilter):	UL1283
UL1363(PowerTap):	UL1363
cUL/CSA(Canada):	cUL
Approvals:	ExceedsIEEE587categoryA&Bspecifications
WARRANTY	
Productwarranty:	Lifetime
Connectedequipmentinsurance(USAandCanadaOnly):	Upto\$25,000
SPECIALFEATURES	
Appearance:	Ruggedall-metalcordedstripformatwithhighqualityduplexreceptacles

*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.
Please make note that this information was posted on 08/04/2003.*



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