

# Isobar Surge Suppressor

Rackmount surge, spike and line noise protection



## Model #: ISOBAR12ULTRA

- ▶ 12 outlets / 15-ft. cord
- ▶ 1280 joule rating
- ▶ All metal housing with LEDs
- ▶ Adjustable rackmount hardware
- ▶ Isolated filter banks
- ▶ \$25,000 Ultimate Lifetime Insurance (USA, Puerto Rico & Canada only)

## DESCRIPTION

Tripp Lite's ISOBAR12ULTRA offers network-grade surge and noise suppression in a versatile all-metal multi-mount cabinet. Detachable mounting flanges are configurable for rackmount, wallmount and under-counter installation. Uses only 1 rack space (1U) when installed in any 19 inch EIA standard rack. Features the highest level of AC surge and EMI/RFI noise suppression of all Tripp Lite rackmount surge suppressors. Outlets are arranged in exclusive isolated filter banks to limit noise interaction among connected items. Includes 12 outlets (2 front / 10 rear), 15 ft AC power cord and guarded power switch to reduce the risk of accidental shutoff. Diagnostic LEDs indicate AC present, line fault and protection status. Lifetime warranty with \$25,000 ultimate lifetime Insurance (USA & Canada Only) coverage .

PLUG / OUTLETS: Input: NEMA 5-15P / Output: 12 NEMA5-15R (2 front & 10 rear)

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

FORMAT: Supports 19 in. rackmount (uses 1 rack space / 1U), wallmount, under-counter and more

## KEY BUYING POINTS

- Versatile all-metal cabinet with detachable mounting flanges allows rackmount, wallmount, undercounter and other creative mounting options
- Uses one rack space (1U) in standard 19 inch rack ("zero U" mounting possible in many racks) 1280 joules / 96,000 amp network-grade AC surge suppression with EMI/RFI filtering
- 12 NEMA5-15R output receptacles (2 front / 10 rear)
- 15 foot AC cord with NEMA5-15P straight-in plug connection
- Diagnostic LEDs confirm proper wiring and suppressor operation
- Lighted power switch confirms power on/off status
- Snap-in switch guard prevents accidental turn off
- 15 amp capacity with circuit breaker
- 120V AC, 50/60Hz electrical compatibility
- \$25,000 Ultimate Lifetime Insurance (USA & Canada Only)
- Lifetime product warranty

## TYPICAL APPLICATIONS

- Ideal for the protection of sensitive electronic equipment in 19 inch rackmount, wallmount and under-counter applications, such as internetworking equipment, PC systems, telecommunications, audio/video, security, sound reinforcement and more.

## PACKAGE INCLUDES

- ISOBAR12ULTRA Surge Suppressor

- Warranty information
- Instruction manual

## COMPLETE SPECIFICATIONS

### SYSTEM OVERVIEW

**System overview:** ISOBAR12ULTRA premium rackmount surge and noise suppressor 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 housing supports 1U installation in 2 or 4 post 19 inch rackmount applications and includes detachable mounting flanges for compatibility with 0U, wallmount, under-counter and more. Includes lighted power switch with transparent locking cover to prevent accidental shutoff. 12 outlets, 1280 joules AC protection level, 3 diagnostic LEDs.

**Voltage compatibility:** 120 VAC

**Frequency compatibility:** 50/60 Hz

### OUTPUT

**Output volt amp capacity (amps):** 15

**Output watt capacity (watts):** 1800

**Outlet quantity / type:** 12(2 front NEMA 5-15R / 10 rear)

### INPUT

**Input connection type:** NEMA 5-15P input plug

**Input cord length (ft.):** 15 ft.

**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:** Red illuminated power switch controls power to all outlets

**Locking switch cover:** Transparent locking switch cover prevents accidental shutoff

### 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:** 1280 joules

**Clamping voltage (RMS):** 140V

**AC suppression response time:** NM = 0 ns. CM = <1 ns

**AC suppression surge current rating:** 96,000 amps

**AC suppression components used:** Metal oxide varistors, toroidal balanced chokes and VHF capacitors

**Safe thermal fusing:** Prevents unsafe conditions during extreme extended overvoltages and catastrophic occurrences

**UL1499 let through rating:** 330V - UL Verified

**EMI / RFI filtering:** 40-80 dB

**Immunity:** Conforms to IEE 587 / ANSI C62.41

### PHYSICAL

**Shipping weight (lbs):** 5.7

**Shipping weight (kg):** 2.6

**Unit weight (lbs):** 4.6

**Unit weight (kg):** 2.1

<b>Unit Dimensions (HWD/in):</b>	1.75 x 17.5 x 4
<b>Unit Dimensions (HWD/cm):</b>	4.45 x 44.5 x 10.2
<b>Shipping Dimensions (HWD/in):</b>	2.25 x 20.5 x 9.25
<b>Shipping Dimensions (HWD/cm):</b>	5.7 x 52.1 x 23.5
<b>Material of construction:</b>	Metal
<b>Form factors supported:</b>	1U rackmount, 0U vertical rackmount, wallmount and under-counter mounting supported - detachable flanges can be re-configured to support a variety of additional mounting options
<b>Mounting accessories included:</b>	Included mounting flanges are pre-installed for 1U rackmount installation and can be re-configured to support a variety of mounting options
<b>Housing color:</b>	Black
<b>Receptacle color:</b>	Black
<b>AC line cord color:</b>	Black

## **CERTIFICATIONS**

<b>UL1449 1998 Rev. (AC Suppression):</b>	UL1449 (UR status)
<b>UL1283 (EMI Filter):</b>	UL1283
<b>cUL / CSA (Canada):</b>	cUL
<b>Approvals:</b>	Exceeds IEEE 587 category A&B specifications

## **WARRANTY**

<b>Product warranty:</b>	Lifetime
<b>Connected equipment insurance (USA and Canada Only):</b>	\$25,000

*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

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