

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 NEMA 5-15R output receptacles (2 front / 10 rear)

INPUT

Input connection type: NEMA 5-15P 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: 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

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

CERTIFICATIONS

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

WARRANTY

| | |
|---|---|
| Product warranty: | Lifetime |
| Connected equipment insurance (USA and Canada Only): | Lifetime warranty with \$25,000 ultimate lifetime connected equipment insurance |

*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.*



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