

Isobar Surge Suppressor

Rackmount surge, spike and line noise protection



Model #: IBAR12-20T

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

DESCRIPTION

Tripp Lite's IBAR12-20T offers network-grade surge and noise suppression in a versatile all-metal multi-mount cabinet with L5-20P twist-lock input plug and 20-amp capacity. 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 network grade AC surge suppression with EMI/RFI noise filtering. Outlets are arranged in exclusive isolated filter banks to limit noise interaction among connected items. Includes 12 outlets (2 front mounted 15-amp / 10 rear mounted 20- amp), 15 ft. power cord and power switch. Diagnostic LEDs indicate AC present, line fault and protection status.

PLUG / OUTLETS: Input: NEMA L5-20P (twist lock) / Output: 2 NEMA5-15R (front) & 10 NEMA5-20R (rear)

ELECTRICAL: 120V AC, 50/60Hz, 20A (Requires NEMA L5-20R wall receptacle)

SUPPRESSION: AC: 140V RMS Clamping / 1280 joules / 60,000 amps

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 / 60,000 amp network-grade AC surge suppression with EMI/RFI filtering
- 12 output receptacles outlets (2 front mounted NEMA 5-15R / 10 rear mounted NEMA 5-20R)
- 15 foot AC cord with NEMA L5-20P straight-in plug connection
- Diagnostic LEDs confirm proper wiring and suppressor operation
- Front panel switch controls power to all outlets
- 20 amp electrical capacity with circuit breaker 120VAC, 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

- IBAR12-20T Surge Suppressor
- Warranty information

- Instruction manual

COMPLETE SPECIFICATIONS

SYSTEM OVERVIEW

System overview: ISOBAR12-20T premium rackmount surge and noise suppressor with 20A capacity and L5-20P input plug 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): 20

Output watt capacity (watts): 2400

Outlet quantity / type: 12(2 front NEMA 5-15R / 10 rear 5-20R)

INPUT

Input connection type: NEMA L5-20P locking input plug

Input cord length (ft.): 15 ft.

Input cord length (m): 4.6

Recommended electrical service: 120V,20A

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): 6.3

Shipping weight (kg): 2.9

Unit weight (lbs): 6.3

Unit weight (kg): 2.9

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:	Metal
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

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):	\$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.*



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