



Tripp Lite
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Model #: IBAR12-20T

12 Outlets, 15ft cord with twist-lock plug, 20 amp, 3840 joules, Rackmount Isobar Surge Suppressor

Highlights

- 12 outlets
- 15-ft. cord
- 3840 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 rack mount, wall mount 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/3840 joules/60,000 amps

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

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

Features

- Tripp Lite's ISOBAR is the world's number one selling premium suppressor series with more than 18 million satisfied customers and a safety-tested history of 20+ years
- Versatile all-metal cabinet with detachable mounting flanges allows rack mount, wall mount, under-counter and other creative mounting options
- Uses one rack space (1U) in standard 19 inch rack ("zero U" mounting possible in many racks)
- 3840 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)
- Outlets are arranged in exclusive isolated filter banks to limit noise interaction among connected items
- 15 foot AC cord with NEMA L5-20P twist-lock plug
- Diagnostic LEDs confirm AC present (green), Line Fault (red) and Protected (green)
- 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 & Puerto Rico only)

Specifications

OVERVIEW	
Intended Application	Computer Networks
OUTPUT	
Frequency compatibility	50 / 60 Hz
Output watts	2400
Circuit Breaker (amps)	20
Outlet quantity / type	12(2 front NEMA 5-15R / 10 rear 5-20R)
INPUT	
Nominal Input Voltage(s) Supported	120V AC
Recommended Electrical Service	120V (110-125V)
Input connection type	NEMA L5-20P locking input plug
Input plug features	Space-saving right angle input plug
Input cord length (ft.)	15
Input cord length (m)	4.57
Voltage compatibility (VAC)	120
Maximum Surge Amps	150000
LEDS ALARMS & SWITCHES	
Switches	Red illuminated power switch controls power to all outlets
Diagnostic LEDs	PROTECTION PRESENT (green), LINE FAULT (red) and LINE OK (green)
Locking switch cover	Transparent locking switch cover prevents accidental shutoff
SURGE / NOISE SUPPRESSION	
AC suppression joule rating	3840
AC suppression response time	NM = 0 ns. CM =
Protection modes	Includes full normal mode (H-N) and common mode (N-G / H-G) line surge suppression
Clamping voltage (RMS)	140
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 over-voltages and catastrophic occurrences
UL1449 let through rating	330V
EMI / RFI filtering	40-80 dB

Immunity	Conforms to IEE 587 / ANSI C62.41
DATALINE SURGE SUPPRESSION	
Cable (Coax) Protection	No
Network (Ethernet) Protection	No
PHYSICAL	
Shipping weight (lbs)	6.4
Shipping weight (kg)	2.90
Unit Dimensions (HWD/in)	1.75 x 17.5 x 4
Unit Dimensions (HWD/cm)	4.45 x 44.45 x 10.16
Shipping Dimensions (HWD/in)	2 x 20.5 x 9.25
Shipping Dimensions (HWD/cm)	5.08 x 52.07 x 23.50
Unit weight (lbs)	5.4
Unit weight (kg)	2.45
Material of construction	Metal
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
Style	Rack Mount
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
Outlets center to center measurement	Distance between front outlets = 38.9mm; Distance between rear outlets = 60.45mm
SPECIAL FEATURES	
Right-Angle Plug	Yes
CERTIFICATIONS	
UL1449 3rd Edition (AC Suppression)	Tested to UL1449 3rd Edition by ETL
cUL / CSA (Canada)	Approved for Canada by ETL
Approvals	Exceeds IEEE 587 category A&B specifications
WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$25,000 Ultimate Lifetime Insurance

More information, including related products, owner's manuals, and additional technical specifications, can be found online at www.tripplite.com/en/products/model.cfm?variables.txtModelID=117.

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