

Isobar Surge Suppressor

Rackmount surge, spike and line noise protection



Model #: IBAR12-20ULTRA

- ▶ 12 outlets (15- and 20-amp)/15 ft. cord
- ▶ 1280 joule rating
- ▶ All metal housing with LEDs
- ▶ Adjustable rackmount hardware
- ▶ Ultimate Lifetime Insurance (USA & Canada only)

DESCRIPTION

Tripp Lite's IBAR12/20ULTRA offers network-grade surge and noise suppression in a versatile all-metal multi-mount cabinet with NEMA 5-20P input plug and 20 amp capacity. Detachable mounting flanges are configurable for rackmount, wallmount and under-counter installation, using 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 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 ultimate lifetime Insurance (USA & Canada Only) coverage .

PLUG/OUTLETS: Input: NEMA 5-20P / Output: 2 NEMA5-15R (front) & 10 NEMA5-20R (rear)

ELECTRICAL: 120V AC, 50/60Hz, 20A (Requires NEMA 5-20R 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 5-20P straight-in plug connection
- Diagnostic LEDs confirm proper wiring and suppressor operation
- Front panel power switch with snap-in cover prevents accidental turn off
- 20 amp electrical capacity with circuit breaker
- 120VAC, 50/60Hz electrical compatibility
- Ultimate Lifetime Insurance (USA & Canada Only)
- Lifetime product warranty
- Ultimate Lifetime Insurance (USA & Canada only)

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

- IBAR12/20ULTRA Surge Suppressor
- Warranty information
- Instruction manual

COMPLETE SPECIFICATIONS

SYSTEM OVERVIEW	
System overview:	ISOBAR12/20ULTRA premium rackmount surge and noise suppressor with 20A capacity 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, 1200 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 NEMA 5-20R output receptacles (2 front / 10 rear)
INPUT	
Input connection type:	NEMA 5-20P input plug
Input cord length (ft.):	15
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:	Sheet 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):	Lifetime warranty with ultimate lifetime connected equipment insurance