# **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 & 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 accidenta 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 occurences	
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	

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-installated 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 \$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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