

TRIPP LITE IBAR12

Tripp Lite Isobar IBAR12 Rackmount 12-Outlet Surge Protector User Manual

MODEL: IBAR12

Brand: TRIPP LITE

1. Introduction and Overview

The Tripp Lite Isobar IBAR12 is a premium rackmount 12-outlet surge protector designed to safeguard essential network workstations, telecom systems, point-of-sale equipment, audio/video systems, and other sensitive electronics. It provides robust protection against dangerous surges, spikes, and line noise in IT and industrial environments.

Key features include a network-grade surge protection rating of 3840 joules, 12 NEMA 5-15R outlets arranged in two exclusive isolated filter banks, a 15A resettable circuit breaker, and a 15-foot AC power cord.



Figure 1: Front view of the Tripp Lite Isobar IBAR12 Rackmount 12-Outlet Surge Protector, showing two front outlets and diagnostic LEDs.

2. Setup and Installation

The IBAR12 offers versatile mounting options to suit various environments:

- **1U Rackmount:** The unit can be mounted into 1U of space in EIA-standard 19-inch racks using the included rack-mounting brackets.
- **Wall Mount:** The included mounting hardware also allows for secure installation on a wall.
- **Under-Counter Mount:** For discreet placement, the unit can be mounted under a counter.

The 15-foot (4.6-meter) AC power cord with a NEMA 5-15P plug provides ample reach to distant outlets, ensuring flexible power distribution.



Figure 2: Tripp Lite Isobar IBAR12 with included rack-mounting brackets and owner's manual, ready for installation.



Figure 3: The IBAR12 installed in a server rack, demonstrating its 1U rackmount capability.



Figure 4: An example of a Tripp Lite Isobar surge protector mounted under a desk, illustrating flexible installation options.

3. Operating Instructions

The IBAR12 is designed for straightforward operation:

- **Power On/Off:** A lighted on/off switch with a locking cover provides one-touch control over all connected components. The locking cover helps prevent accidental shutdowns.
- **Diagnostic LEDs:** At a glance, diagnostic LEDs confirm the power status, protection status, and line fault status.
- **Isolated Filter Banks:** The 12 outlets are arranged in two exclusive isolated filter banks. These internal barriers prevent equipment connected to one bank from interfering with equipment connected to the other, and also reduce disruptive line noise that can cause A/V distortion, computer lock-ups, and data errors.



Figure 5: Close-up of the front panel, highlighting the lighted on/off switch with locking cover and diagnostic LEDs.



Figure 6: Rear view of the IBAR12, illustrating the 10 rear outlets and the power cord connection.

4. Maintenance

The Tripp Lite IBAR12 is designed for long-term reliability with minimal maintenance:

- **Durable Construction:** The all-metal housing ensures long life and durability in demanding

environments.

- **Resettable Circuit Breaker:** An integrated 15A circuit breaker protects all outlets and connected equipment from dangerous overloads. If an overload occurs, the breaker will trip, cutting power. To restore power, reduce the load and press the reset button on the unit.
- **Cleaning:** Ensure the unit is unplugged before cleaning. Use a dry, soft cloth to wipe the exterior. Do not use liquid or aerosol cleaners.

5. Troubleshooting

Refer to the diagnostic LEDs for quick status checks:

- **Protection Present LED:** If this LED is off, the surge protection components may have been compromised by a severe surge. The unit will continue to function as a power strip, but surge protection is no longer active. Replace the unit to ensure continued protection.
- **Line OK LED:** If this LED is off, it indicates a wiring fault in the wall outlet (e.g., missing ground, reversed polarity). Consult a qualified electrician to correct the wiring issue.
- **Circuit Breaker Tripped:** If the unit loses power, check the 15A resettable circuit breaker. If it has popped out, reduce the total load on the surge protector and press the breaker back in to reset.

6. Specifications

Feature	Detail
Nominal Input Voltage(s) Supported	120V AC
Recommended Electrical Service	120V (110-125V)
Input Cord Gauge (AWG)	14
Voltage Compatibility (VAC)	120
Maximum Surge Amps	150,000
Input Plug Type	NEMA 5-15P
Input Cord Length	15 ft. (4.57 m)
Output (Watts)	1800
Output Receptacles	(12) 5-15R
Circuit Breaker (amps)	15
AC Suppression Joule Rating	3840
AC Suppression Response Time	NM = 0 ns, CM = <1 ns
EMI / RFI Filtering	40-80 dB
Isolated Filter Banks	2
Material of Construction	Metal
Form Factors Supported	1U rackmount, 0U vertical rackmount, wallmount, under-counter
Unit Dimensions (hwd / in.)	1.75 x 17.5 x 4

Feature	Detail
Unit Weight (lbs.)	4.6

7. Warranty and Support

The Tripp Lite Isobar IBAR12 is backed by:

- **Lifetime Limited Warranty:** This product comes with a lifetime limited warranty.
- **\$25,000 Ultimate Lifetime Insurance:** Tripp Lite offers \$25,000 Ultimate Lifetime Insurance covering any connected components damaged by a power surge (valid in the U.S., Canada, and Puerto Rico only).

For further support, including product registration, warranty coverage details, and technical assistance, please refer to the official Tripp Lite website or contact their customer service.

8. Product Overview Video

Watch this video for a general overview of Tripp Lite Isobar surge protectors, demonstrating features common to the product line. Please note that the specific model shown in the video may vary slightly from the IBAR12.

Your browser does not support the video tag.

Video: Tripp Lite Isobar Surge Protector Overview (demonstrates features of a similar Isobar model).