

Isobar 12-Outlet Network Server Surge Protector, 15 ft. (4.57 m) Cord with L5-20P Plug, 3840 Joules, Diagnostic LEDs, 1U Rackmount

MODEL NUMBER: IBAR12-20T











Rack-mount protection for A/V components, network hardware, retail displays, appliances, power tools and other expensive electronics against dangerous surges, spikes and line noise in IT and industrial environments.

Description

Premium protection for essential network workstations, telecom systems, point-of-sale equipment and audio/video systems, the IBAR12-20T Isobar® 12-Outlet Surge Protector features a network-grade surge protection rating of 3840 joules to defend your sensitive electronics against even the strongest surges and spikes. In fact, Tripp Lite will repair or replace any connected equipment damaged by surges up to \$25,000 for life (valid in the U.S., Canada and Puerto Rico only).

The IBAR12-20T features 12 total outlets—two front NEMA 5-15R and 10 rear NEMA 5-20R—which are arranged in two exclusive isolated filter banks that prevent equipment connected to one bank from interfering with equipment connected to the other. These internal barriers also prevent disruptive line noise from causing A/V distortion, computer lock-ups, data errors and similar problems. Large toroidal chokes, ferrite rod-core inductors, HF/VHF capacitors and multiple layers of metal oxide varistors remove EMI/RFI interference and prevent system crashes, reboots and performance problems.

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Because residential power outlets have three wires—hot line (H), neutral (N) and ground (G)—the IBAR12-20T protects all three, covering two protection modes: full normal mode (H-N) and common mode (N-G/H-G).

An integrated 20A circuit breaker protects all outlets and shuts down connected equipment in the event of an overload. A lighted on/off switch with locking cover provides one-touch control over connected components. Diagnostic LEDs show power, protection and line fault status at a glance. The IBAR12-20T mounts to a wall, under a counter or in 1U of rack space using the included hardware. A 15-foot (4.6-meter) power cord reaches distant outlets, and a locking L5-20P plug ensures that the IBAR12-20T stays connected to your power source.

Features

Network-Grade 3840-Joule Surge Protection for IT or Industrial ElectronicsProtects rack-mounted network hardware, retail displays, appliances, power tools and other expensive electronics against even the strongest surges and spikesRecommended for network workstations, telecom systems, point-of-sale equipment and audio/video systems requiring AC line protectionFull normal mode (H-N) and common mode (N-G/H-G) line surge suppressionFilters out disruptive EMI/RFI line noise that can cause equipment damage or data lossExceeds IEEE 587 Category A and B surge suppression specifications

12 Outlets Accept Wide Range of Electronic Devices2 NEMA 5-15R in front, 10 NEMA 5-20R in rearAC outlets accept most computer, networking and telecom equipment

Highlights

- 2 NEMA 5-15R & 10 NEMA 5-20R outlets in isolated filter banks
- Network-grade 3840-joule surge protection rating
- Mounts into 1U of space in EIAstandard 19 in. racks
- 20A resettable circuit breaker prevents dangerous overloads
- 15 ft. AC power cord with NEMA L5-20P twist-lock plug

Package Includes

- IBAR12-20T Isobar 12-Outlet Surge Protector, 1U Rack-Mount
- Rack-mounting brackets
- · Owner's manual



Isolated Filter Banks Provide Extra ProtectionOutlets arranged in 2 exclusive isolated filter banks to limit noise interaction among connected equipmentBlock disruptive EMI/RFI line noise that can cause equipment damage or data loss

Premium Safety FeaturesLighted on/off switch with locking cover provides one-touch control over connected equipmentAutomatic shutoff permanently cuts power to outlets if protection circuit is incapacitated, preventing equipment damage and indicating replacement is requiredDiagnostic LEDs confirm power, protection and line fault status at a glanceConforms to current UL 1449 3rd Edition safety standards

Flexible Mounting OptionsMounts into 1U of space in EIA-standard 19 in. racksIncluded mounting hardware also allows installation on wall or under counterLong 15 ft. AC power cord with NEMA L5-20P twist-lock plug reaches distant outletsAll-metal housing designed for long life

Backed by Tripp Lite's Ultimate Lifetime Insurance\$25,000 Ultimate Lifetime Insurance covers any connected components damaged by power surge (U.S., Canada and Puerto Rico only)

Specifications

OVERVIEW		
UPC Code	037332100184	
INPUT		
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	150000	
Input Plug Type	NEMA L5-20P	
Input Cord Details	SJT	
Input Cord Length (ft.)	15	
Right-Angle Plug	No	
Input Cord Length (m)	4.57	
Integrated Cord Clip	No	
OUTPUT		
Frequency Compatibility	50 / 60 Hz	
Output Receptacles	(12) 5-15R	
Circuit Breaker (amps)	20	
Transformer Accommodation	(4) Yes	
Right-Angle Outlets	No	
USER INTERFACE, ALERTS & CONTROLS		



Diagnostic LED(s)	Yes
Switches	Red illuminated power switch controls power to all outlets
Diagnostic LED Details	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 = <1 ns
Protection Modes	Includes full normal mode (H-N) and common mode (N-G / H-G) line suppression
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
Isolated Filter Banks	Yes
Immunity	Conforms to IEE 587 / ANSI C62.41
Automatic Shut-Off	No
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DATALINE SURGE SUPPRESSION	
	No
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DATALINE SURGE SUPPRESSION Cable (Coax) Protection	No
DATALINE SURGE SUPPRESSION Cable (Coax) Protection Network (Ethernet) Protection	No No
DATALINE SURGE SUPPRESSION Cable (Coax) Protection Network (Ethernet) Protection Telephone/DSL Protection	No No
DATALINE SURGE SUPPRESSION Cable (Coax) Protection Network (Ethernet) Protection Telephone/DSL Protection PHYSICAL	No No No
DATALINE SURGE SUPPRESSION Cable (Coax) Protection Network (Ethernet) Protection Telephone/DSL Protection PHYSICAL Material of Construction	No No No Metal
DATALINE SURGE SUPPRESSION Cable (Coax) Protection Network (Ethernet) Protection Telephone/DSL Protection PHYSICAL Material of Construction Power Cord Color	No No No Metal Black 1U rackmount, 0U vertical rackmount, wallmount and under-counter mounting supported - detachable flanges can
DATALINE SURGE SUPPRESSION Cable (Coax) Protection Network (Ethernet) Protection Telephone/DSL Protection PHYSICAL Material of Construction Power Cord Color Form Factors Supported	No No No Metal Black 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
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DATALINE SURGE SUPPRESSION Cable (Coax) Protection Network (Ethernet) Protection Telephone/DSL Protection PHYSICAL Material of Construction Power Cord Color Form Factors Supported Housing Color Included Mounting Accessories Mounting Holes or Slots Outlets Measurement (Center to Center)	No No Metal Black 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 Black Included mounting flanges are pre-installed for 1U rackmount installation and can be re-configured to support a variety of mounting options No Distance between front outlets = 38.9mm; Distance between rear outlets = 60.45mm



Shipping Weight (lbs.)	6.60	
Shipping Weight (kg)	2.99	
Unit Dimensions (hwd / in.)	1.750 x 17.500 x 4.000	
Unit Dimensions (hwd / cm)	4.45 x 44.45 x 10.16	
Unit Weight (lbs.)	5.4	
Unit Weight (kg)	2.45	
Mounting Details	Includes flanges	
FEATURES & SPECIFICATIONS		
Rotatable Outlets	No	
Antimicrobial	No	
STANDARDS & COMPLIANCE		
Product Certifications	CAN/CSA-C22.2 No. 269.3 (Canada); UL 1449	
Product Compliance	RoHS	
WARRANTY & SUPPORT		
Product Warranty Period (Worldwide)	Lifetime limited warranty	
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$25,000 Ultimate Lifetime Insurance	



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