Isobar 12-Outlet Network Server Surge Protector, 15 ft. Cord with L5-20P Plug, 3840 Joules, Diagnostic LEDs, 1U Rack-Mount

MODEL NUMBER: **IBAR12-20T**

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 EIA-standard 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

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, including direct lightning strikes, 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.

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 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 Electronics Protects 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

Isolated Filter Banks Provide Extra Protection Outlets 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 Features Lighted 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 Options Mounts 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)
Voltage Compatibility (VAC)	120
Maximum Surge Amps	150000
Input Plug Type	NEMA L5-20P
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 (Watts)	2400
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 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
Isolated Filter Banks	2
Immunity	Conforms to IEE 587 / ANSI C62.41
Automatic Shut-Off	No

DATALINE SURGE SUPPRESSION

Telephone/DSL Protection	No
Cable (Coax) Protection	No
Network (Ethernet) Protection	No

PHYSICAL

Antimicrobial Coating	No
Color	Black
Color (AC Line Cord)	Black
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
Housing Color	Black

Included Mounting Accessories	Included mounting flanges are pre-installed for 1U rackmount installation and can be re-configured to support a variety of mounting options
Integrated Keyhole Mounting Slots	Yes (Includes flanges)
Material of Construction	Metal
Outlets Measurement (Center to Center)	Distance between front outlets = 38.9mm; Distance between rear outlets = 60.45mm
Receptacle Color	Black
Shipping Dimensions (hwd / cm)	5.59 x 51.31 x 23.88
Shipping Dimensions (hwd / in.)	2.20 x 20.20 x 9.40
Shipping Weight (kg)	2.99
Shipping Weight (lbs.)	6.60
Unit Dimensions (hwd / cm)	4.45 x 44.45 x 10.16
Unit Dimensions (hwd / in.)	1.75 x 17.5 x 4
Unit Weight (kg)	2.45
Unit Weight (lbs.)	5.4

SPECIAL FEATURES	
Rotatable Outlets	No

STANDARDS & COMPLIANCE	
Canada	Approved for Canada by ETL
Approvals	Exceeds IEEE 587 category A&B specifications
UL1449 3rd Edition (AC Suppression)	Tested to UL1449 3rd Edition by ETL

WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	$25,000 Ultimate Lifetime Insurance