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.

Highlights

- 2 NEMA 5-15R and 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

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.

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 (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 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 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 (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 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
DATALINE SURGE SUPPRESSION	
Cable (Coax) Protection	No
Network (Ethernet) Protection	No
Telephone/DSL Protection	No
PHYSICAL	
Material of Construction	Metal
Power Cord Color	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
Mounting Holes or Slots	No
Outlets Measurement (Center to Center)	Distance between front outlets = 38.9mm; Distance between rear outlets = 60.45mm
Receptacle Color	Black
Shipping Dimensions (hwd / in.)	2.20 x 20.20 x 9.40
Shipping Dimensions (hwd / cm)	5.59 x 51.31 x 23.88
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
Mounting Accessory Included	Yes
STANDARDS & COMPLIANCE	
Product Certifications	CAN/CSA-C22.2 No. 269.3 (Canada); CAN/CSA-C22.2 No. 369.3:2017 (2nd Ed.); UL 1449 5th Ed. Rev: 2021
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

1000 Eaton Boulevard
Cleveland, OH 44122
United States
https://tripplite.eaton.com

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