

## 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.

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 spikes  
Recommended for network workstations, telecom systems, point-of-sale equipment and audio/video systems requiring AC line protection  
Full normal mode (H-N) and common mode (N-G/H-G) line surge suppression  
Filters out disruptive EMI/RFI line noise that can cause equipment damage or data loss  
Exceeds IEEE 587 Category A and B surge suppression specifications

**12 Outlets Accept Wide Range of Electronic Devices** 2 NEMA 5-15R in front, 10 NEMA 5-20R in rear  
AC 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 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

**Isolated Filter Banks Provide Extra Protection** Outlets arranged in 2 exclusive isolated filter banks to limit noise interaction among connected equipment Block 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 equipment Automatic shutoff permanently cuts power to outlets if protection circuit is incapacitated, preventing equipment damage and indicating replacement is required Diagnostic LEDs confirm power, protection and line fault status at a glance Conforms to current UL 1449 3rd Edition safety standards

**Flexible Mounting Options** Mounts into 1U of space in EIA-standard 19 in. racks Included mounting hardware also allows installation on wall or under counter Long 15 ft. AC power cord with NEMA L5-20P twist-lock plug reaches distant outlets All-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 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  |
| <b>SURGE / NOISE SUPPRESSION</b>       |   |
| 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  |
| <b>DATALINE SURGE SUPPRESSION</b>      |   |
| Cable (Coax) Protection                | No  |
| Network (Ethernet) Protection          | No  |
| Telephone/DSL Protection               | No  |
| <b>PHYSICAL</b>                        |   |
| 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   |
| 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                                       |
| 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  |

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| 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   |
| <b>FEATURES &amp; SPECIFICATIONS</b>                       |  |
| Rotatable Outlets  | No   |
| Antimicrobial  | No   |
| <b>STANDARDS &amp; COMPLIANCE</b>                          |  |
| Product Certifications                                     | CAN/CSA-C22.2 No. 269.3 (Canada); UL 1449  |
| Product Compliance   | RoHS   |
| <b>WARRANTY &amp; SUPPORT</b>                              |  |
| Product Warranty Period (Worldwide)                        | Lifetime limited warranty  |
| Connected Equipment Insurance (U.S., Canada & Puerto Rico) | \$25,000&nbsp;<a class="insuranceLink" href="//tripplite.eaton.com/support/insurance-policy">Ultimate Lifetime Insurance</a>&nbsp; |