

## Isobar 8-Outlet Surge Protector, 12-ft. Cord, 3840 Joules

MODEL NUMBER: **AL-84094**



### Highlights

- 8 outlets/12-ft cord
- 3840 joule rating—more joules mean more protection!
- All-metal housing with diagnostic LEDs
- Isolated filter banks remove damaging line noise
- \$50,000 Ultimate Lifetime Insurance for connected equipment (U.S., Canada, and Puerto Rico only)

### Package Includes

- AL-84094 Surge Protector
- Set of 4 outlet safety covers
- Instruction manual with warranty information

### Description

For more than 20 years, America's leading companies have trusted Isobar Premium surge and noise protectors to protect sensitive computer, networking and telecom equipment. With more than 18 million satisfied customers, the Isobar remains the world's #1 selling premium surge protector. Loaded with a generous combination of high quality components, near indestructible all-metal case and unique noise filtration system, the Isobar offers the highest level of protection attainable in a multi-outlet strip. Robust surge suppression circuits with sine-wave tracking offer extreme levels of protection against the heaviest surge conditions exceeding IEEE 587 category A & B specifications and reducing 6,000V test surges to harmless levels under 35 volts. Isobar's unique protection system combines large toroidal chokes, ferrite rod-core inductors, HF/VHF capacitors and multiple layers of metal oxide varistors into exclusive isolated filter banks that remove EMI/RFI interference, even noise generated by other pieces of connected equipment. The AL-84094 offers 8 outlets arranged in four filter banks to prevent system crashes, reboots and performance problems common as noisy system peripherals are powered off and on. Surge suppression rated at 3840 joules/97,000 amps offers network-grade protection. Widely spaced NEMA 5-15 outlets accommodate up to 4 large transformer plugs without blocking outlets. Diagnostic LEDs confirm power availability, line fault and protection status. Includes 12 foot AC line cord with space-saving angled input plug, keyhole mounting tabs and a set of 4 child safety covers.

PLUG/OUTLETS: Input: NEMA 5-15P/Output: 8 NEMA5-15R/12-ft. AC line cord

ELECTRICAL: 120V AC, 50/60Hz (Requires NEMA 5-15R wall receptacle)

SUPPRESSION: AC: 140V RMS Clamping/3840 joules/97,000 amps

FORMAT: Corded all-metal strip with transformer spaced outlets

### Features

- ISOBAR is the world's #1 selling premium protector series with more than 18 million satisfied customers and a safety-tested history of 20+ years
  - Robust surge suppression with sine-wave tracking protects against the heaviest of surge conditions, exceeding IEEE category A&B specifications and
- reducing 6,000V test surges to harmless levels less than 35 volts
  - Multi-component suppression circuits combine toroidal chokes, ferrite rod-core inductors, HF/VHF capacitors and multiple layers of metal oxide varistors
- into exclusive isolated filter banks that remove EMI/RFI interference, even noise from other pieces of connected equipment
  - 8 outlets arranged in four filter banks prevent system crashes, reboots and performance problems common as noisy peripherals are powered off and on
- Network grade surge suppression rated at 3840 joules/97,000 amps

- Widely spaced outlets accommodate up to 4 large transformer plugs without blocking outlets
- 3 LED indicators confirm surge protector operation and site wiring status, plus warning of protector or electrical fault conditions
- Lighted power switch with integrated 12 amp circuit breaker offers power control and overload protection
- 12 foot AC line cord with space-saving angled input plug
- Keyhole mounting tabs allow permanent installation
- Set of 4 outlet covers safely seal off unused outlets
- 120V AC, 50/60Hz electrical compatibility
- \$50,000 Ultimate Lifetime Insurance (U.S., Canada, and Puerto Rico only)
- Automatic shutoff cuts power to outlets when the protection circuit has been compromised

## Specifications

<b>OUTPUT</b>	
Frequency Compatibility	50 / 60 Hz
Output Receptacles	(8) 5-15R
Output (Watts)	1440
Circuit Breaker (amps)	12
Transformer Accommodation	Supports up to 4 large transformer plug accessories without covering remaining outlets
Right-Angle Outlets	No
<b>INPUT</b>	
Nominal Input Voltage(s) Supported	120V AC
Recommended Electrical Service	120V (110-125V)
Input Connection Type	NEMA 5-15P input plug
Input Plug Features	Space-saving right angle input plug
Input Cord Length (ft.)	12
Input Cord Length (m)	3.66
Voltage Compatibility (VAC)	120
Maximum Surge Amps	150000
Right-Angle Plug	Yes
<b>USER INTERFACE, ALERTS &amp; CONTROLS</b>	
Switches	Combination AC circuit breaker and two position red illuminated on/off power switch
Diagnostic LED Details	PROTECTION PRESENT (green), LINE FAULT (red) and LINE OK (green)
<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 surge suppression
Clamping Voltage (RMS)	140
AC Suppression Surge Current Rating	97,000 amps (36,000 NM / 61,000 CM)
AC Suppression Components Used	Metal oxide varistors, toroidal balanced chokes, ferrite rod-core inductors and VHF capacitors.
Safe Thermal Fusing	Prevents unsafe conditions during extreme extended over-voltages and catastrophic occurrences
UL1449 Let Through Rating	330V
IEEE587 Cat. A Ringwave Let-Through	Less than 35 volts
EMI / RFI Filtering	40-80 dB
Isolated Filter Banks	Unique isolated filter bank design offers additional filtering between each duplex pair of outlets on the strip to prevent electrical noise interference between connected loads. Includes 4 filter banks.
Immunity	Conforms to IEE 587 / ANSI C62.41
<b>DATALINE SURGE SUPPRESSION</b>	
Telephone/DSL Protection	No
Cable (Coax) Protection	No
Network (Ethernet) Protection	No
<b>PHYSICAL</b>	
Unit Dimensions (hwd / in.)	2.19 x 3.5 x 8.87
Unit Dimensions (hwd / cm)	5.56 x 8.89 x 22.23
Unit Weight (lbs.)	3.3
Unit Weight (kg)	1.50
Material of Construction	Metal
Integrated Keyhole Mounting Tabs	Metal end caps are fitted with keyhole mounting tabs for wallmount installation
Housing Color	Light Gray
Receptacle Color	Black
Color (AC Line Cord)	Light Gray
Outlets Measurement (Center to Center)	Distance between horizontal outlets = 39.45mm; Distance between vertical outlets = 39.30mm
Keyhole Slot Mounting Measurement (Center to Center)	Distance between horizontal tabs = 210.79mm; Distance between vertical tabs = 58.17mm
<b>CERTIFICATIONS</b>	
UL1449 3rd Edition (AC Suppression)	Tested to UL1449 3rd Edition by ETL
cUL / CSA (Canada)	Approved for Canada by ETL
Approvals	Exceeds IEEE 587 category A&B specifications
<b>WARRANTY</b>	
Product Warranty Period (Worldwide)	Lifetime limited warranty
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$50,000 Ultimate Lifetime Insurance

