

Isobar Hospital Surge Protector with 6 Hospital-Grade Outlets and All-Metal Housing

MODEL NUMBER: AL-59793



Description

For more than 20 years, America's leading companies have trusted ALCO Sales Isobar Premium surge and noise protectors to protect sensitive computer, networking and telecom equipment. With more than 14 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 normal mode surge conditions.

Isobar's unique protection system combines large toroidal chokes, ferrite rod-core inductors, HF/VHF capacitors and metal oxide varistors into an exclusive isolated filter bank that removes EMI/RFI interference, even noise generated by other pieces of connected equipment. AL-59793 offers 6 high quality hospital-grade outlets arranged in one filter bank to prevent system crashes, reboots and performance problems common as noisy system peripherals are powered off and on. Surge suppression rated at 3330 joules. Widely spaced NEMA 5-15 hospital-grade outlets accommodate up to 3 large transformer plugs without blocking outlets. Diagnostic LEDs confirm power availability, line fault and protection status.

Includes 15 foot AC line cord with high quality hospital-grade input plug, keyhole mounting tabs and a set of 4 child safety covers. PLUG / OUTLETS: Incorporate NEMA 5-15PHG Hospital-grade plug and 6 NEMA 5-15RHG Hospital-grade receptacles ELECTRICAL: 120V AC, 50/60Hz SUPPRESSION: AC: 140V RMS Clamping / 3330 joules / 48,000 amps FORMAT: Corded all-metal surge suppressor with transformer spaced outlets

Features

- ALCO Sales AL-59793 is the world's #1 selling premium protector series with more than 14 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
- Multi-component suppression circuits combine toroidal chokes, ferrite rod-core inductors, HF/VHF capacitors and metal oxide varistors into an exclusive isolated filter bank that removes EMI/RFI interference, even noise from other pieces of connected equipment.
- 6 hospital-grade outlets
- Surge suppression rated at 3330 joules
- Widely spaced outlets accommodate up to 3 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

Highlights

- 6 hospital-grade outlets
- Extra-long 15-ft cord with hospital-grade plug
- 3330 joule rating—more joules mean more protection!
- All-metal housing with diagnostic LEDs
- Isolated filter banks remove damaging line noise
- Switch safety cover prevents accidental shutoff

Applications

- Ideal for healthcare/hospital environments where hospital-grade plugs and receptacles are required. Not for use where NEC requires hospital-grade receptacles.

Package Includes

- AL-59793 Surge Protector
- Instruction manual with warranty information

- Combo 12 amp circuit breaker/lighted power switch with safety cover
- 15-ft., 14 gauge AC line cord with hospital-grade input plug
- Keyhole mounting tabs
- 120V AC, 50/60Hz electrical compatibility
- Tested to UL (USA) and cUL (Canada) standards by ETL

Specifications

OVERVIEW	
Intended Application	Hospital/Medical
Model Type	NOT For Patient Areas
OUTPUT	
Frequency compatibility	50 / 60 Hz
Output watts	1440
Circuit Breaker (amps)	12
Outlet quantity / type	6 NEMA 5-15R-HG
Transformer accommodation	Supports up to 4 large transformer plug accessories without covering remaining outlets
INPUT	
Nominal Input Voltage(s) Supported	120V AC
Recommended Electrical Service	120V (110-125V)
Input connection type	NEMA 5-15P-HG Hospital-Grade
Input cord length (ft.)	15
Input cord length (m)	4.57
Voltage compatibility (VAC)	120
Maximum Surge Amps	135000
UPC ASSIGNMENT	
Unit Carton UPC#	037332011152
LEDS ALARMS & SWITCHES	
Switches	Combination AC circuit breaker and two position red illuminated on/off power switch
Diagnostic LEDs	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	3330

AC suppression response time	NM = 0 ns.
Protection modes	Includes full normal mode surge suppression (I-I-N)
Clamping voltage (RMS)	140
AC suppression surge current rating	48,000 amps
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 overvoltages and catastrophic occurrences
UL1449 let through rating	330V
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 3 filter banks.

DATALINE SURGE SUPPRESSION

Cable (Coax) Protection	No
Network (Ethernet) Protection	No

PHYSICAL

Shipping Dimensions (HWD/in)	3 x 15 x 6.75
Shipping Dimensions (HWD/cm)	7.62 x 38.1 x 17.15
Shipping weight (lbs)	3.3
Shipping weight (kg)	1.50
Unit Dimensions (HWD/in)	2.5 x 7 x 3.5
Unit Dimensions (HWD/cm)	6.35 x 17.78 x 8.89
Unit weight (lbs)	2.8
Unit weight (kg)	1.27
Material of construction	Metal
Integrated keyhole mounting tabs	Metal end caps are fitted with keyhole mounting tabs for wallmount installation
Housing Color	Gray
Receptacle Color	White
AC line cord color	Gray
Style	Strip
Outlets center to center measurement	Distance between horizontal outlets = 39.45mm; Distance between vertical outlets = 39.30mm
Keyhole slot center to center measurement	Distance between horizontal tabs = 171.34mm; Distance between vertical tabs = 58.17mm

SPECIAL FEATURES

Appearance	Rugged all-metal corded strip format with high quality duplex receptacles
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Right-Angle Plug	Yes
CERTIFICATIONS	
UL1449 3rd Edition (AC Suppression)	Tested to UL1449 3rd Edition by ETL
UL1363 (Power Tap)	UL1363
cUL / CSA (Canada)	Approved for Canada by ETL
WARRANTY	
Product Warranty Period (Worldwide)	Lifetime limited warranty

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