The Isobar and Isotel Technology Series from ETA Systems...

**Progressive Technology**
Protect your equipment with the most robust combination of high-quality suppression components in the industry. Isobar’s progressive technology includes isolated filter banks, sine wave tracking, sidactor phone-line surge suppression and durable, fire-safe, all-metal housings.

**Proven Safety Testing**
Safeguard your valuable investment with the most reliable surge protection system available. Lab-tested and field-trusted for 20 years, Isobars offer the highest protection ratings and the most durable all-metal housings, guaranteed up to $50,000...for life!

**Extensive Product Line**
Look no further than Isobar’s extensive product line to protect the evolving needs of your application, including: AC, tel/modem/fax, DSL, audio-video, rackmount, hospital grade, 230 volts and more!

**Sidactor Phone Line Suppression**
Isotel models feature a high-speed Sidactor to provide superior phone-line protection, as compared to surge suppressors which feature only Metal Oxide Varistors (MOV’s).

Sidactors suppress surges faster than MOVs, before damaging voltage builds. Unlike MOVs, sidactors feature extremely low capacitance and won’t affect the speed of your vital communications.

**2-Line Surge Protection**
Surges are stopped on both phone lines simultaneously, offering convenient protection for multi-line, multi-use lines in an office or home environment.

**NOISE FILTRATION SYSTEM**
Printers and other peripherals generate harmful interference. The Isobar is the only surge suppressor that features internal barriers (isolated filter banks) between its receptacles that block this interference. The Isobar eliminates noise contamination between connected equipment, eliminating computer lock-ups, data errors, audio static and video interference (snow).

**ADVANCE AC POWER WARNINGS**
Detect power problems before you put your equipment at risk. Instantly see if a wall outlet is safe (detects wiring and ground faults). Know if the Isobar’s level of surge suppression has been decreased as a result of surge damage.

**PROVEN SAFETY TESTING**
The final safety measure is provided by Safe Thermal Fusing, which protects against fire and other damage in the event of an extreme, extended overvoltage or other catastrophic occurrence.

UL 1449 approved: The Isobar passed the test with UL’s best let-through rating on all three lines—330V.

**The Highest UL-Verified Joule Ratings:**
- The Isobar shields your valuable equipment from damaging surges, providing UL-verified joule ratings up to 2850, and amp spike ratings up to 97,000 amps—the highest protection level you can buy!
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**Up to $50,000 Ultimate Lifetime Insurance Guarantees**
- Basic surge suppressors rely solely on Metal Oxide Varistors (MOV’s). MOV’s engage surges at voltage levels preset well above and below the sine waveform.
- With such a wide suppression threshold, basic models allow surges to build destructive power to varying degrees. When surges strike at the lowest point on the waveform, basic model MOV’s allow potentially damaging let-through voltage to build up to 400V or more.

One important problem that arises when addressing surges is the point at which they occur along the sine waveform; surges that occur at the lowest point on the waveform (270°) have more room to build up destructive voltage. The Isobar solves this problem with the large, heavy-duty Ferrite Rod Core Inductors. The Inductors closely track the sine wave form, providing a consistent, high level of protection regardless of where the surge occurs.

The Isobars’ Inductors consistently limit surge let-through voltage to an extremely safe 35V.

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Max. Cord Length (H x W x D, in.)

<table>
<thead>
<tr>
<th>Model</th>
<th>Electrical</th>
<th>Max. Current</th>
<th>Surge Clamping</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>PD12IBP</td>
<td>12 outlets (2 front NEMA 5-15R/10 rear NEMA 5-20R) and diagnostic LEDs</td>
<td>1200 joules AC surge suppression with EMERG Filtering</td>
<td>1.25 x 19 x 4.5</td>
<td>140V, 12 ft.</td>
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</tr>
<tr>
<td>PD12</td>
<td>12 outlets (6 front NEMA 5-15R/6 rear NEMA 5-15R) and diagnostic LEDs</td>
<td>1050 joules AC surge suppression with EMERG Filtering</td>
<td>1.25 x 19 x 4.5</td>
<td>140V, 12 ft.</td>
</tr>
<tr>
<td>PD8IB</td>
<td>8 outlets (5-15R)</td>
<td>2350 joules AC surge suppression with EMERG Filtering</td>
<td>1.25 x 19 x 4.5</td>
<td>140V, 12 ft.</td>
</tr>
<tr>
<td>PD6IBAV</td>
<td>6 outlets (5-15R)</td>
<td>2350 joules AC surge suppression with EMERG Filtering</td>
<td>1.25 x 19 x 4.5</td>
<td>140V, 12 ft.</td>
</tr>
<tr>
<td>PD6IBHG</td>
<td>6 outlets (5-15R)</td>
<td>2350 joules AC surge suppression with EMERG Filtering</td>
<td>1.25 x 19 x 4.5</td>
<td>140V, 12 ft.</td>
</tr>
<tr>
<td>PD6IB</td>
<td>6 outlets (5-15R)</td>
<td>2350 joules AC surge suppression with EMERG Filtering</td>
<td>1.25 x 19 x 4.5</td>
<td>140V, 12 ft.</td>
</tr>
<tr>
<td>PD6IT</td>
<td>6 outlets (5-15R)</td>
<td>2350 joules AC surge suppression with EMERG Filtering</td>
<td>1.25 x 19 x 4.5</td>
<td>140V, 12 ft.</td>
</tr>
<tr>
<td>PD6ISHG</td>
<td>4 outlets (5-15R)</td>
<td>2350 joules AC surge suppression with EMERG Filtering</td>
<td>1.25 x 19 x 4.5</td>
<td>140V, 12 ft.</td>
</tr>
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For over 25 years ETA has developed, manufactured, and sold high amperage theatrical lighting systems from which have evolved an extensive line of rack mounted conditioned power distribution products designed to protect today's sensitive electronic digital equipment.

The "PD" Conditioned Power Distribution Series easily deals with normal AC line power fluctuations, as well as the more drastic abnormalities of the spike and surge variety. Also, the filtering of interferences—caused by electromagnetic (EMI) and radio frequency (RFI) transmissions—is routinely accomplished. More sophisticated ETA models utilize microprocessor technology to regulate AC power and sequence power turn-on—reducing high in-rushes of power.

ETA's sophisticated electronic protection technology is the favorite of professionals who demand flawless operation of digital mixers, processors, amplifiers and PCs—whether in the studio, in the boardroom, on tour, in a home studio or home entertainment environment.

**Features:**
- Isolation transformer offers line isolation, continuous noise filtering and enhanced common mode surge suppression
- Full UL2601-1 medical grade listing with hospital-grade plug and outlet receptacles
- Includes 4 NEMA5-20R hospital-grade output receptacles, 6.8. power cord, hospital grade input plug, circuit breaker overload protection and lighted power switch
- 1800 watt capacity

**Protection Modes:**
- Line to Neutral, Line to Ground, Neutral to Ground (except PD6IBHG Line to Neutral)

**UL's standard for surge suppressors; UL's best rating is 330 volt let-through. All models have 330 volt let-through across all 3 lines.**

**UL 1449 (1998 rev.):**
- UL's standard for EMI (Electromagnetic Interference). It tests a unit's ability to filter electrical noise, a common problem with electronics. Few surge suppressors have passed this tough UL category. (All models)

**UL's test of a unit's ability to protect communications circuits like data and telephone lines against surges and spikes.** (All Isotel models and other units with RJ11 jacks.)

**A safety listing for all temporary power taps.** (All models)

**UL 1363:**
- The ISOBAR PD6IBHG is designed to meet the leakage current requirements of UL 544 C Complies with Part 68, FCC Rules (Modem/Fax Models). ISOBARS are also cUL approved to Canadian Standards.