Tripp Lite Line Conditioners

Protect equipment from brownouts and power surges with a single, cost-effective unit.
BROWNOUTS THREATEN YOUR COMPUTER AND ELECTRONIC EQUIPMENT

Fact: Brownouts make up 87% of all power problems.

Brownouts are low-voltage power sags which put a strain on electronic equipment, including computers and peripheral devices. Under low-voltage conditions, your equipment’s internal power supply and circuitry must compensate by working harder. Repeated exposure to brownouts can overheat these sensitive components, causing total system failure.

• Localized brownouts are frequently caused by overloaded building circuits or increased power demand from refrigerators, air conditioners and heavy industrial equipment. In particular, laser printers can draw power away from your computer and other equipment.

• Utility brownouts are man-made voltage sags. During peak demand, especially the hot summer months, utility companies often reduce voltage levels, putting your equipment at risk.

TRIPP LITE LINE CONDITIONERS ARE YOUR BEST DEFENSE AGAINST BROWNOUTS

Tripp Lite Line Conditioners keep your equipment working through brownouts without using emergency power such as UPS systems and auxiliary generators. Line conditioners automatically adjust under- and overvoltages to provide safe, computer-grade AC power meeting ANSI C84.1 specifications. Additionally, because printers have a high current draw and a tendency to cause localized brownouts, Hewlett-Packard® recommends the use of a line conditioner with their laser printers.

Surges, spikes and RFI/EMI line noise wear down sensitive circuitry and can cause premature aging or total failure of your equipment. Tripp Lite Line Conditioners exceed the IEEE-587 standard for surge suppression (both categories A and B).

High Quality

Tripp Lite Line Conditioners feature the widest voltage correction range of any comparable units. Using multiple levels of voltage correction, they automatically adjust under- and overvoltages to keep you working through brownouts and prolonged overvoltage conditions. Tripp Lite Line Conditioners also protect your valuable equipment with built-in premium surge suppression.

Comprehensive Warranty—Superior Insurance

Tripp Lite Line Conditioners come with a full 2-year warranty. In the USA, Canada and Puerto Rico only, Tripp Lite Line Conditioners include up to $25,000 Ultimate Lifetime Insurance, covering connected equipment for damage due to power surges and spikes—for life!

Superior Design

For years, the only brownout protection available was the C.V.T. (constant voltage transformer). When combined with computers that use power-factor-corrected power supplies, C.V.T.s can cause severe instability in the power supply, leading to computer system failure. Tripp Lite Line Conditioners use a highly efficient stepped transformer design, providing computer-safe voltage regulation.

Greater Value

Providing quality brownout correction, surge protection, and line noise filtering in one unit—at prices lower than some surge protectors—Tripp Lite Line Conditioners are simply your best value.

CHOOSING THE RIGHT SIZE LINE CONDITIONER

When choosing a line conditioner, add up the wattage ratings on the back panel of each piece of equipment you need it to protect and size your line conditioner accordingly. If your equipment is rated in amps, multiply the amp ratings by the operating voltage (120 or 230) to obtain the wattage. Make sure that the wattage of the connected equipment doesn’t exceed the rated wattage of the line conditioner.

Visit www.triplite.com for more information.
120 Volt, 60 Hz Unit Configurations (rear view)

- **LS606M**: 600 Watts, 6 NEMA 5-15R
- **LC2400**: 2400 Watts, 4 NEMA 5-15R, 2 NEMA 5-15/20R
- **LC1200**: 1200 Watts, 4 NEMA 5-15R
- **LCR2400**: 2400 Watts; 14 NEMA 5-15R (2 in front not shown)
- **LC1800**: 1800 Watts, 6 NEMA 5-15R

120V Line Conditioners
- NEMA 5-15R: 120 volt, 15-amp outlet
- NEMA 5-15/20R: 120 volt, 20-amp outlet

230 Volt, 50/60 Hz Unit Configurations (rear view)

- **LR604**: 600 Watts, 3 IEC-320 C13
- **LR1000**: 1000 Watts; 2 NEMA 5-15R, 2 IEC-320 C13

230V Line Conditioners
- NEMA 6-15R: 230 volt, 15-amp outlet
- NEMA 5-15R: 230 volt, 15-amp outlet

Universal Adapter (UNIPLUGINT)
The UNIPLUGINT universal adapter accepts most worldwide plug configurations. It fits into an IEC-320 outlet. The LR604, LR1000 and LR2000 each include a UNIPLUGINT adapter.

Unit Configurations (front view)
- **LCR2400** (19 inch rackmount)
- **LR604, LS606M**
- **LC1200, LC1800, LC2400**
- **LR1000**
- **LR2000**
### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Output Wattage (Continuous)</th>
<th>Voltage, Frequency</th>
<th>Cordset</th>
<th>AC Receptacles</th>
<th>LED Indicators</th>
<th>Surge Energy Rating (Joules)</th>
<th>High Frequency Noise Suppression (@ 1 MHz)</th>
<th>Ultimate Lifetime Insurance</th>
<th>Dimensions (H x W x D)</th>
<th>Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>120V Standard Line Conditioners</strong></td>
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<tr>
<td>LS606M</td>
<td>600</td>
<td>120V, 60 Hz</td>
<td>6 ft</td>
<td>6 NEMA 5-15R</td>
<td>A</td>
<td>720</td>
<td>20 dB</td>
<td>$10,000</td>
<td>5½ x 4¾ x 4¾ in</td>
<td>4.8 lb</td>
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<tr>
<td>LC1200</td>
<td>1200</td>
<td>120V, 60 Hz</td>
<td>7 ft</td>
<td>4 NEMA 5-15R</td>
<td>B</td>
<td>1200</td>
<td>75 dB</td>
<td>$25,000</td>
<td>7½ x 6 x 7 in</td>
<td>8.7 lb</td>
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<tr>
<td>LC1800</td>
<td>1800</td>
<td>120V, 60 Hz</td>
<td>7 ft</td>
<td>6 NEMA 5-15R</td>
<td>B</td>
<td>1440</td>
<td>80 dB</td>
<td>$25,000</td>
<td>7 x 6 x 7 in</td>
<td>10 lb</td>
</tr>
<tr>
<td>LC2400</td>
<td>2400</td>
<td>120V, 60 Hz</td>
<td>6 ft</td>
<td>4 NEMA 5-15R, 2 NEMA 5-15/20R</td>
<td>B</td>
<td>1440</td>
<td>80 dB</td>
<td>$25,000</td>
<td>7 x 6 x 9½ in</td>
<td>11.4 lb</td>
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<td><strong>120V Rackmount Line Conditioner</strong></td>
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<tr>
<td>LCR2400</td>
<td>2400</td>
<td>120V, 60 Hz</td>
<td>12 ft</td>
<td>14 NEMA 5-15R</td>
<td>B</td>
<td>1440</td>
<td>80 dB</td>
<td>$25,000</td>
<td>5¼ x 19 x 7¼ in</td>
<td>20.3 lb</td>
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<td><strong>120V Wall-Mount Line Conditioner</strong></td>
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<tr>
<td>LS604WM</td>
<td>600</td>
<td>120V, 60 Hz</td>
<td>6 ft</td>
<td>4 NEMA 5-15R</td>
<td>C</td>
<td>720</td>
<td>20 dB</td>
<td>$10,000</td>
<td>4 x 5 x 5¼ in</td>
<td>12 lb</td>
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<tr>
<td><strong>230V Standard Line Conditioners</strong></td>
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<tr>
<td>LR604*</td>
<td>600</td>
<td>230V, 50/60 Hz</td>
<td>2.4 m²</td>
<td>3 IEC-320 C13, 1 UNIPLUGINT</td>
<td>A</td>
<td>340</td>
<td>20 dB</td>
<td>—</td>
<td>13 x 14 x 12 cm</td>
<td>2.2 kg</td>
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<tr>
<td>LR1000*</td>
<td>1000</td>
<td>230V, 50/60 Hz</td>
<td>2 m²</td>
<td>2 NEMA 5-15R, 2 IEC-320 C13, 1 UNIPLUGINT</td>
<td>A</td>
<td>340</td>
<td>75 dB</td>
<td>—</td>
<td>17.8 x 15.2 x 17.8 cm</td>
<td>4 kg</td>
</tr>
<tr>
<td>LR2000*</td>
<td>2000</td>
<td>208/220/240 V (selectable), 50/60 Hz</td>
<td>2 m²</td>
<td>2 NEMA 5-15R, 2 NEMA 6-15R, 2 IEC-320 C13, 1 UNIPLUGINT</td>
<td>D</td>
<td>1200</td>
<td>75 dB</td>
<td>—</td>
<td>17.8 x 15.2 x 17.8 cm</td>
<td>4 kg</td>
</tr>
</tbody>
</table>

A: 3 LEDs (High Voltage, Normal Voltage, Low Voltage)  B: 7 LEDs (Very High Voltage, High Voltage, Normal Voltage, Low Voltage, Very Low Voltage, Line Fault, Line OK)  C: 1 LED (Line Power Present or Protected)  D: 5 LEDs (Very High Voltage, High Voltage, Normal Voltage, Low Voltage, Very Low Voltage)

* LR604, LR1000 and LR2000 include 1 UNIPLUGINT connector to accommodate most worldwide plug configurations.  † LR604 has an IEC-320 C14 power inlet and includes a C13 to CEE 7/7 cable.  LR1000 has an IEC-320 C14 power inlet and includes a NEMA 5-15P to C13 cable.  LR2000 has an IEC-320 C14 power inlet and includes a NEMA 6-15P to C13 cable.

For complete, up-to-date specifications, please visit www.tripplite.com.

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### Tripp Lite: Your Single Source For Quality Power Protection

**UPS Systems**
Tripp Lite UPS Systems provide reliable power protection for all applications, from a single desktop computer to a large enterprise network. Choose from standby models (Internet Office®, BC Pro®, BC Personal®), AVR (automatic voltage regulation) models (VS Series, OmniSmart®, Digital Series, SmartPro®) and true on-line models (SmartOnline® Single-Phase and 3-Phase). Both 120V and 230V-compatible models are available in compact desktop, tower and rack/tower formats.

**Isobar® Premium Surge Protectors**
With over 19 million sold, Tripp Lite’s Isobar® Premium Surge Protector represents the corporate standard in surge protection for electronic equipment of all kinds. Featuring exclusive isolated filter banks, rugged all-metal housings, diagnostic LEDs and up to 12 AC outlets, Isobar Surge Protectors are offered in a variety of configurations, including rack-mount models. Both 120V and 230V models are available.

**Isolator® Isolation Transformers**
The Isolator efficiently transforms unreliable commercial power into a safe computer-grade electrical current, eliminating the need for costly dedicated lines. Ideal for telecom and point-of-sale applications where noise-free power is essential, the Isolator provides excellent noise rejection, especially at low frequencies where line noise is difficult to control. 120V models are available featuring capacities from 250 to 1000 watts.

Visit Tripp Lite’s Website for information regarding:
Worldwide Sales and Ordering | Authorized Distributors | Product/Technical Support

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### About Tripp Lite
Since 1922, Tripp Lite has established a global reputation for quality manufacturing, superior value and excellent service. Tripp Lite makes more than 3,500 products to power, protect and connect electronic equipment, including UPS systems, replacement batteries, power distribution units, rack systems, cooling solutions, surge protectors, KVM switches, cables, display solutions, power strips and inverters. Learn more at www.tripplite.com.

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