



BROWNOUTS THREATEN YOUR COMPUTER AND ELECTRONIC EQUIPMENT

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

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.

120 Volt, 60 Hz Unit Configurations (rear view)

LS606M



600 Watts; 6 NEMA 5-15R

LC1200



1200 Watts; 4 NEMA 5-15R

LC1800



1800 Watts; 6 NEMA 5-15R

LC2400



2400 Watts; 4 NEMA 5-15R, 2 NEMA 5-15/20R

LCR2400



2400 Watts; 14 NEMA 5-15R
(2 in front not shown)

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

LR604



600 Watts; 3 IEC-320 C13

LR1000



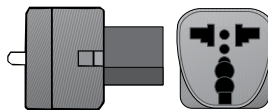
1000 Watts; 2 NEMA 5-15R,
2 IEC-320 C13

LR2000



2000 Watts; 2 NEMA 5-15R,
2 NEMA 6-15R, 2 IEC-320 C13

Universal Adapter (UNIPLUGINT)



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.

Types of Outlets

120V Line Conditioners



NEMA 5-15R
120 volt, 15-amp outlet



NEMA 5-15/20R
120 volt, 20-amp outlet

230V Line Conditioners



NEMA 6-15R
230 volt, 15-amp outlet



NEMA 5-15R
230 volt, 15-amp outlet



IEC-320 C13
Universal computer outlet

Unit Configurations (front view)

LCR2400 (19 inch rackmount)



LR604, LS606M



LC1200, LC1800, LC2400



LR1000



LR2000



Specifications

Model	Output Wattage (Continuous)	Voltage, Frequency	Cordset	AC Receptacles	LED Indicators	Surge Energy Rating (joules)	High Frequency Noise Suppression (@ 1 MHz)	Ultimate Lifetime Insurance	Dimensions (H x W x D)	Shipping Weight
120V Standard Line Conditioners										
LS606M	600	120V, 60 Hz	6 ft	6 NEMA 5-15R	A	720	20 dB	\$10,000	5½ x 4¾ x 4¾ in	4.8 lb
LC1200	1200	120V, 60 Hz	7 ft	4 NEMA 5-15R	B	1200	75 dB	\$25,000	7¼ x 6 x 7 in	8.7 lb
LC1800	1800	120V, 60 Hz	7 ft	6 NEMA 5-15R	B	1440	80 dB	\$25,000	7 x 6 x 7 in	10 lb
LC2400	2400	120V, 60 Hz	6 ft	4 NEMA 5-15R, 2 NEMA 5-15/20R	B	1440	80 dB	\$25,000	7 x 6 x 9½ in	11.4 lb
120V Rackmount Line Conditioner										
LCR2400	2400	120V, 60 Hz	12 ft	14 NEMA 5-15R	B	1440	80 dB	\$25,000	5¼ x 19 x 7¾ in	20.3 lb
120V Wall-Mount Line Conditioner										
LS604WM	600	120V, 60 Hz	6 ft	4 NEMA 5-15R	C	720	20 dB	\$10,000	4 x 5 x 5¾ in	12 lb
230V Standard Line Conditioners										
LR604*	600	230V, 50/60 Hz	2.4 m†	3 IEC-320 C13, 1 UNIPLUGINT	A	340	20 dB	—	13 x 14 x 12 cm	2.2 kg
LR1000*	1000	230V, 50/60 Hz	2 m†	2 NEMA 5-15R, 2 IEC-320 C13, 1 UNIPLUGINT	A	340	75 dB	—	17.8 x 15.2 x 17.8 cm	4 kg
LR2000*	2000	208/220/240 V (selectable), 50/60 Hz	2 m†	2 NEMA 5-15R, 2 NEMA 6-15R, 2 IEC-320 C13, 1 UNIPLUGINT	D	1200	75 dB	—	17.8 x 15.2 x 17.8 cm	4 kg

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.

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.



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.

Distributed By:



Pulse Supply
 909 Ridgebrook Road., Sparks, Maryland 21152, USA
 TEL : +1-410-583-1701 FAX : +1-410-583-1704
 E-mail: sales@pulsesupply.com
<https://www.pulsesupply.com/tripp-lite>



The makers of the
isobar
 Surge Protector

