

Line Conditioner / AVR System

Automatic voltage regulator / Power conditioner / AC surge suppressor



Model #: LC1800

- ▶ Premium automatic voltage regulation (AVR), power conditioning and AC surge suppression
- ▶ Maintains regulated 120V nominal output over an input range of 89 to 147
- ▶ 1800 watt / 15A maximum capacity
- ▶ 6 NEMA 5-15R outlets, 6 foot AC cord
- ▶ LEDs display incoming voltage range, surge suppression and line fault status
- ▶

DESCRIPTION

1800 watt Automatic Voltage Regulation (AVR) system. Protects sensitive electronics, computer accessories and home theater equipment from power-related damage and performance problems. Extends the useful life of connected equipment by providing optimum voltage conditions for enhanced efficiency and cooler internal operating temperatures. Reliable transformer-based voltage correction circuits maintain 120V nominal output during voltage fluctuations between 89 and 147V. Three levels of voltage stabilization offer targeted response for overvoltages, undervoltages and severe brownouts. Prevents equipment damage and power related performance problems for computer accessories, printers, home theater equipment, a/v components and other sensitive electronic devices. Network-grade AC surge and EMI/RFI noise suppression. Supports loads up to 1800 watts, 15A maximum. Includes 6 AC outlets, 6 ft AC line cord and 7 diagnostic LEDs which display incoming voltage level, surge suppression status and line fault status.

KEY BUYING POINTS

- Maintains usable 120V (+10%/-12%) nominal output over an input range of 89 to 147V
- Protects sensitive electronics, computer accessories and home theater equipment from power-related damage and performance problems
- Extends the useful life of connected equipment by providing optimum voltage conditions for enhanced efficiency and cooler internal operating temperatures
- Three levels of voltage stabilization offer targeted response to overvoltages, undervoltages and severe brownouts
- Input voltages over 128V are reduced by 9.6%
- Input voltages between 103 and 112V are boosted by 8.9%
- Input voltages below 102V are boosted by 18.8%
- 1800 watts maximum output power rating supports 120V loads up to 15 amps
- Network grade AC surge suppression
- Premium EMI/RFI noise filtering prevents equipment interaction, system interference, lockups and other power-related audio and video artifacts
- 7 diagnostic LEDs indicate input voltage levels, surge suppression status and line fault conditions
- 6 protected NEMA5-15R outlets
- 6 foot AC power cord with NEMA5-15P input plug
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TYPICAL APPLICATIONS

- Maintains regulated output voltage during severe brownouts and overvoltages for computer accessories, printers, home theater equipment, a/v components, point-of-sale equipment, and other applications requiring clean, regulated AC power.

PACKAGE INCLUDES

- LC1800 Line Conditioner
- Instruction manual

COMPLETE SPECIFICATIONS

OUTPUT	
Output watt capacity (watts):	1800 peak / 1500 continuous
Output volt amp capacity (VA):	1800
Output nominal voltage:	120V / 60Hz
Outlet quantity / type:	6 NEMA5-15R
INPUT	
Input cord length (ft.):	6.00
Input cord length (m):	1.83
LEDS ALARMS & SWITCHES	
Front panel LEDs:	7 LEDs show incoming voltage status, protection present and line fault conditions
SURGE / NOISE SUPPRESSION	
AC surge suppression:	1440 joules, conforms to IEEE 587 / ANSI C62.41 specifications
EMI / RFI AC noise suppression:	75 dB
PHYSICAL	
Unit Dimensions (HWD/in):	7.25 x 6 x 7
Unit Dimensions (HWD/cm):	18.4 x 15.2 x 17.8
Form factors supported:	Small Tower
Material of construction:	Plastic
Shipping weight (lbs):	10.4
Shipping weight (kg):	4.7
CERTIFICATIONS	
Certifications:	UL1012 (USA), cUL1012 (Canada), NOM (Mexico)
WARRANTY	
Product warranty:	2 years
Connected equipment insurance (USA and Canada Only):	

*The policy of Tripp Lite is one of continuous improvement.
Specifications are subject to change without notice.
Therefore, your product may vary slightly from what is currently listed.*



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