



LC Plus
LINE CONDITIONERS



Better Than a Dedicated Line!

The LC Plus Series are isolation transformer based filters which provide complete line isolation, noise filtering, and surge suppression. The LC Plus low-impedance isolation transformer with static shield ensures a clean reference for sensitive electronics. The LC Plus Series cleans power, enhances uptime, and improves ROI for any electronics system.

Benefits of Power Protection:

- ▶ Reduce unnecessary service calls due to power issues
- ▶ Eliminate downtime due to power problems
- ▶ Protect your investment by reducing the need to repair or replace equipment
- ▶ Extend the operating life of your equipment

If the Smart Power Systems equipment fails and this failure allows a surge to pass through and damage the connected equipment, Smart Power Systems will pay for the repair or replacement of the connected equipment up to \$25,000.

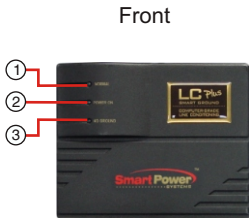


About the LC Plus

The LC Plus is a line conditioner that provides complete line isolation, noise filtering, and surge suppression. Our line conditioners provide clean power, enhance uptime, and protect your investment in equipment such as point of sale (POS) systems, computers, or other microprocessor based products.

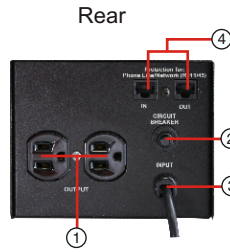
Features:

- ▶ Zero Volts On Ground At Output
- ▶ Common Mode Noise Filtering
- ▶ Normal Mode Noise Filtering
- ▶ Surge Protection
- ▶ Ground Loop Elimination - "SMART GROUND"
- ▶ 5 year product warranty



Front

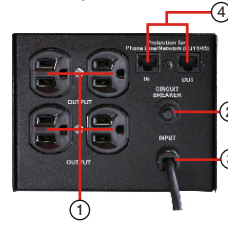
1. Normal
2. Power On
3. No Ground



Rear

1. Output Receptacles
2. Circuit Breaker
3. Input Power Cord
4. Network Protection

4 receptacle model

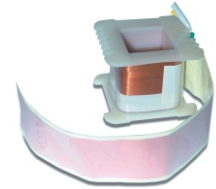


1. Output Receptacles
2. Circuit Breaker
3. Input Power Cord
4. Network Protection

Specifications

- INPUT VOLTAGE.....120 V
- OUTPUT VOLTAGE.....120 V
- INPUT FREQUENCY..... 60 Hz (Optional 50Hz)
- SURGE CURRENT.....
 - 5 cycle - 1000%
 - 10 cycle - 600%
 - 1 minute - 150%
- TYPICAL NOISE REJECTION:
 - Common mode noise rejection..... >100dB (Less than 0.5 Volts pass through voltage)*
 - Normal mode noise rejection..... >65dB (Less than 10 Volts pass through voltage)
- COOLINGConvection

Special Static Shield
For High Filtration of
Common Mode Noise



MODEL#	OUTPUT CURRENT	POWER RATING VA	INPUT CORD LENGTH	INPUT PLUG	OUTPUT RECEPT. DUPLEX	RJ45	OVERLOAD PROTECTION	SIZE (DxWxH)	WEIGHT (LBS.)
LC70SG-2R	0.7	84	6'	5-15P	(2)5-15R	YES	CIRCUIT BREAKER AND ELECTRONIC	7.9 x 5.4 x 4.4	5.95
LC100SG-2R	1	120	6'	5-15P	(2)5-15R	YES	CIRCUIT BREAKER AND ELECTRONIC	7.9 x 5.4 x 4.4	6.30
LC180SG-4R	1.5	180	6'	5-15P	(4)5-15R	YES	CIRCUIT BREAKER AND ELECTRONIC	7.9 x 5.4 x 4.4	9.70
LC200SG-4R	2	240	6'	5-15P	(4)5-15R	YES	CIRCUIT BREAKER AND ELECTRONIC	7.9 x 5.4 x 4.4	10.45
LC300SG-4R	2.5	300	6'	5-15P	(4)5-15R	YES	CIRCUIT BREAKER AND ELECTRONIC	7.9 x 5.4 x 4.4	13.45

* IEEE C62.41 Cat. B-6000V/500A

Extra Industrial Withstand Test - The unit is also tested with ANSI / IEEE C62.41 Cat. B2-6000V/3000A (Impulse 8 by 20 micro second)

Optional "SMART GROUND" Patent Pending.



1-800-882-8285

