

**EGS**  
Electrical Group

**SOLA/  
HEVI-DUTY**



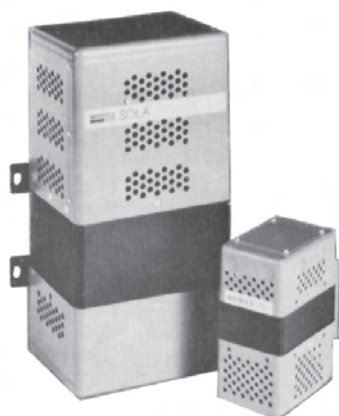
## MCR HARDWIRED SERIES—POWER LINE CONDITIONING WITH VOLTAGE REGULATION

The MCR Hardwired Series provides excellent noise filtering and surge suppression to protect connected equipment from damage, degradation or misoperation. Combined with the excellent voltage regulation inherent to Sola's patented ferroresonant design, the MCR can increase the actual Mean Time Before Failure (MTBF) of protected equipment. The MCR is a perfect choice where dirty power, caused by impulses, swell, sags, brownouts and waveform distortion can lead to costly downtime because of damaged equipment.

### FEATURES:

- Noise attenuation: 120 dB common mode, 60 dB transverse mode.
- Surge suppression tested to ANSI/IEEE C63.41 Class A & B Waveform: <10V let through typical.
- Acts as a step-up or step-down transformer.
- Harmonic filtering.
- Hardwired.
- Galvanic isolation.
- 25 year typical MTBF.
- No maintenance required.

Cat. No.	Capacity VA	Input Voltage	Output Voltage	Dimensions H×W×D	Net Price
63-23-112-4	120	120, 208, 240, 480	120	9×4×5	\$554.64
63-23-125-4	250	120, 208, 240, 480	120	10×6×8	697.65
63-23-150-8	500	120, 208, 240, 480	120, 208, 240	13×9×7	998.09
63-23-175-8	750	120, 208, 240, 480	120, 208, 240	14×9×7	1266.75
63-23-210-C8	1000	120, 208, 240, 480	120, 208, 240	17×9×7	1512.28
63-23-215-5	1500	120, 208, 240, 480	120, 208, 240	17×13×9	2033.73
63-23-200-C8	2000	120, 208, 240, 480	120, 208, 240	18×13×9	2572.48
63-23-230-C8	3000	120, 208, 240, 480	120, 208, 240	19×13×9	3847.90



## CVS HARDWIRED SERIES—CONSTANT VOLTAGE TRANSFORMERS

Sola CVS transformers hold output voltage to  $\pm 1\%$  or less for input variations as great as  $\pm 15\%$  of nominal voltage. They feature less than 3% total rms harmonic content in the output. Recommended for all AC applications where harmonics can affect operation, CVS types are the only constant voltage transformers with built-in harmonic neutralizing circuits. CVS transformers use no filters and therefore do not need extra capacitors and noisy chokes. CVS transformers are smaller and more rugged than transformers employing filters for wave-shape improvement.

### FEATURES:

- Superior voltage regulation.
- Harmonic filtering.
- Hardwired.
- Acts as a step-up/step-down transformer.
- Galvanic isolation.
- 25 year typical MTBF.
- No maintenance required.

Cat. No.	Capacity VA	Input Voltage	Output Voltage	Dimensions H×W×D (in)	Net Price
23-13-030-2	30	120	120	6×4×5	\$420.13
23-13-060-2	60	120	120	7×4×5	449.09
23-22-112-2	120	120, 240	120	8×4×5	515.73
23-23-125-8	250	120, 240, 480	120	11×6×8	669.30
23-23-150-8	500	120, 208, 240, 480	120, 240	13×9×7	973.51
23-23-210-8	1000	120, 208, 240, 480	120, 240	17×9×7	1579.70
23-23-220-8	2000	120, 208, 240, 480	120, 240	18×13×10	2687.76
23-23-230-8	3000	120, 208, 240, 480	120, 240	19×13×10	3679.99
23-23-250-8	5000	120, 208, 240, 480	120, 240	28×13×10	6046.71

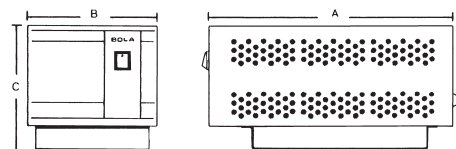


FIG. 1

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LC1800

## TRIPP-LITE LINE STABILIZERS/CONDITIONERS

A surge suppressor is not enough when voltage sags (brownouts) occur. The LC automatically adjusts AC output to provide full voltage support. All models include built-in surge and spike protection. In addition, Models LC-1200 and LC-1800 feature complete ISOBAR protection. Electronic equipment like computers, telephone systems, cash registers etc. need reliable AC power to be kept running, and keep your business running. Brownouts can damage your equipment and bring your business to a sudden halt. Tripp-Lite Line Stabilizers/Conditioners are stepped transformer systems that offer more than C.V.T.'s (Constant Voltage Transformers). These systems have higher efficiency, lower waveform distortion and a much lower price. Why take chances when it comes to your electronic equipment? Protect your business today, install an LC Line Conditioner and provide clean, constant, regulated AC Power. Automatic under-voltage regulation. Automatic overvoltage regulation. Transient RFI/EMI noise suppression. On/off switch.

Cat. No.	Output Wattage (Continuous)	Number of Outlets	Output Frequency (Hz.)	High Voltage Surge Suppression (Joules)	High Frequency Noise Suppression (@1 MHz.)	H"xW"xD" (inches)	Net Price
<b>120 VOLT MODELS</b>							
LC1200	1200	4	60	600	80 db	5x5x7¼	\$260.00
LC1800	1800	6	60	720	80 db	5½x7¾x7	\$380.00

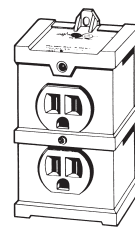


## LINE CONDITIONER

### AUTOMATIC VOLTAGE REGULATION WITH SURGE PROTECTION

Tripp Lite's LS606M automatic voltage regulation system offers complete protection from brownouts, overvoltages, and transient surges for computers, printers, fax machines, and more. Transformer-based voltage correction circuits maintain usable 120V nominal AC output during brownouts as low as 93V and overvoltages to 141V. Network grade equipment protection offers AC surge and noise suppression rated at 720 joules. Supports loads up to 600 watts. Includes 6 NEMA 5-15R outlets, 6-ft. line cord, and 3 diagnostic LEDs that display boost, trim and normal regulation operation. \$10,000 Ultimate Lifetime Insurance (USA and Canada only).

Cat. No.	Nominal Voltage	Frequency	Joules	Outlets	Dimensions (HWD/Inches)	Net Price
LS606M	120	60Hz	720	6	5.5x4.75x4.75	\$146.79



## TRIPP-LITE ISOBLOK NOISE FILTER AND SPIKE SUPPRESSOR

The ISOBLOK makes any AC outlet more effective than a Dedicated Line. Provides RFI, EMI and surge protection for Electronic Telephone Systems, Computer, Fax, and Telex Operation. Excellent transverse mode and common mode protection is obtained through the use of multistage networks. Four bi-directional voltage clamping devices and three capacitors work with a balanced toroidal choke to obtain wide band noise and spike rejection. Circuitry indicator light. Two stage filtration network protecting your equipment from both noise and hash, and spike and surge interference. Compact design, allowing access to adjoining outlets. AC line present indicator light. Consists of 2 outlets, 1 filter bank, direct plug-in, on/off light. Size: 2½" L x 4½" H x 2½" D. Weight: 1 lb.

Cat. No.	Net Price
IB2-0	\$50.00



## ISOBAR® SURGE SUPPRESSOR PREMIUM SURGE, SPIKE, AND LINE NOISE PROTECTION

ISOBAR premium surge and noise suppression system prevents equipment damage and performance problems resulting from damaging transient surges and line noise. Active filter network maintains noise-free output with zero reaction/response time. Rugged all-metal, mountable housing fitted with high quality duplex style output receptacles. \$50,000 Ultimate Lifetime Insurance (USA and Canada only). **SPECIFICATIONS:** Plug/outlets: input: NEMA 5-15P/output: 4 NEMA 5-15R/6 ft. AC line cord. Electrical: 120V AC, 50/60Hz (requires NEMA 5-15R wall receptacle). Suppression: AC: 140V RMS Clamping/2200 joules/85,000 amps. Format: corded all-metal strip with transformer spaced outlets. Includes two filter banks. Package includes: IBAR4 surge suppressor. Set of 4 outlet safety covers. Instruction manual with warranty information. UL listed.

Cat. No.	Joule Rating	Outlets	Dimensions (HWD/Inches)	Net Price
IBAR4	2200	4	2.5x6x3.25	\$72.23

## ISOBAR® ULTRA SURGE SUPPRESSORS DIAGNOSTIC CIRCUITRY: ADVANCE WARNING!

All the features of the original Isobar, plus diagnostic indicators provide advanced warning of potential power problems. Multiple component circuitry, including MOVs, toroidal chokes, and high frequency capacitors provide superior protection for your electronics equipment. Instantaneous (0 nanoseconds) surge response time. Premium surge suppression up to 1,080 joules and 45,000 amps.

### TECHNICAL SPECIFICATIONS

Cat. No.	No. of AC Receptacles	No. of Isolated Filter Banks	Fax/Modem Protection	Max. Surge Current (amps)	Dimensions HxWxD (inches)	Net Price
<b>ISOBAR ULTRA PREMIUM SURGE SUPPRESSORS WITH DIAGNOSTIC LEDs</b>						
IBAR 4 ULTRA	4	2	No	36,000	2½x5¼x3¾	\$135.00
IBAR 6 ULTRA	6	3	No	36,000	2½x7¼x3¾	180.00
IBAR-8-ULTRA	8	4	No	45,000	2½x8¾x3¾	104.64