

## MCR Hardwired - 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

- ±3% output voltage regulation.
- Harmonic Filtering
- Noise attenuation.
  - 120 dB common mode
  - 60 dB transverse mode
- Surge suppression tested to ANSI/IEEE C63.41 Class A & B Waveform: <10 V let-through typical.
- Acts as a step-up or step-down transformer.
- Hardwired.
- Galvanic isolation.
- 25 year typical MTBF.
- No maintenance required.

### Applications

- Industrial automation and control equipment (PLCs).
- Machine tools.
- Computer loads and electronic equipment.
- Robotics.
- Micro-processor controlled equipment.
- Semiconductor fabrication equipment.



### MCR Series, 60 Hz-Single Phase

Mfr.'s Type	VA	Voltage Input	Voltage Output	Height (inch)	Width (inch)	Depth (inch)	Ship Weight (lbs)	Design Style	Price
63-23-112-4	120	120, 208, 240, 480	120	9	4	5	15	1	308.00
63-23-125-4	250	120, 208, 240, 480	120	10	5	8	27	1	403.00
63-23-150-8	500	120, 208, 240, 480	120, 208, 240	13	8	7	37	1	606.00
63-23-175-8	750	120, 208, 240, 480	120, 208, 240	14	8	7	52	1	772.00
63-23-210-8	1000*	120, 208, 240, 480	120, 208, 240	17	8	7	62	1	922.00
63-23-215-8	1500*	120, 208, 240, 480	120, 208, 240	16	11	9	95	1	1241.00
63-23-220-8	2000*	120, 208, 240, 480	120, 208, 240	17	11	9	109	2	1570.00
63-23-230-8	3000*	120, 208, 240, 480	120, 208, 240	19	11	9	142	2	2245.00
63-23-250-8	5000*	120, 208, 240, 480	120, 208, 240	28	11	9	222	3	3511.00

\* Canadian option: CSA certified units must be ordered by changing "-8" to "-C8"

## CVS Hardwired Series - Constant Voltage Transformers

Superior voltage regulation of ±1% sets the CVS Series apart from other power conditioning technologies on the market. This extremely tight regulation is accomplished by Sola's patented ferroresonant transformer technology. The CVS Series recreates a well regulated sinusoidal waveform on its output that is well isolated from input disturbances including impulses, swells, sags, brownouts and severe waveform distortion. No other power conditioning technology available today provides as complete a solution against these power quality disturbances. The CVS series is the ideal solution for applications where even a small change in voltage level can lead to unscheduled downtime, misoperation, incorrect data or scrapped production.

### Features

- Superior voltage regulation (±1%).
- Harmonic filtering.
- Hardwired
- Acts as a Step-up/Step-down Transformer.
- Galvanic isolation.
- No maintenance required.
- 25 year typical Mean Time Before Failure.

### Applications

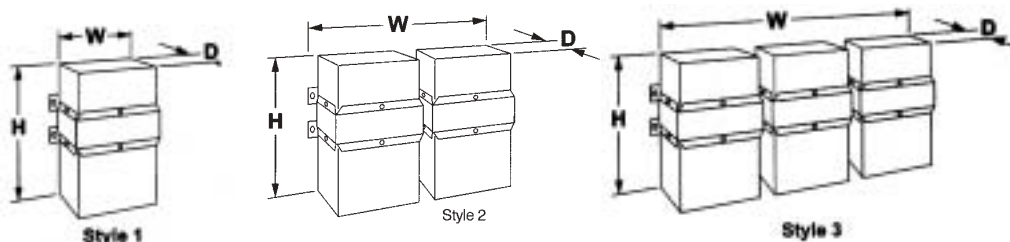
- Industrial automation and control equipment PLCs.
- Analytical laboratory and factory automating equipment.
- Photo processing equipment.
- Sound/recording systems.
- Marine navigation equipment.
- Photographic enlargers.
- Broadcast equipment.



### CVS Series, 60Hz-Single Phase

Mfr.'s Type	VA	Voltage Input	Voltage Output	Height (inch)	Width (inch)	Depth (inch)	Ship Weight (lbs)	Design Style	Price
23-13-030-2	30	12	120	6.0	3.3	5.2	7	1	223.00
23-13-060-2	60	120	120	6.9	3.3	5.2	9	1	258.00
23-22-112-2	120	120, 240	120	7.9	3.3	5.2	13	1	351.00
23-23-125-8	250	120, 240, 480	120	10.4	4.5	7.9	29	1	479.00
23-23-150-8	500	120, 208, 240, 480	120, 240	12.9	7.8	6.5	42	1	727.00
23-23-210-8	1000	120, 208, 240, 480	120, 240	17.1	7.8	6.9	65	1	1126.00
23-23-220-8	200	120, 208, 240, 480	120, 240	17.3	10.6	9.4	111	1	1918.00
23-23-230-8	3000	120, 208, 240, 480	120, 240	18.7	10.6	9.4	142	1	2648.00
23-23-250-8	5000	120, 208, 240, 480	120, 240	28.2	10.6	9.4	222	1	4134.00
23-28-275-6	7500*	240, 480	120, 240	26.6	23.7	9.1	365	2	4889.00

\* This unit is not CSA Certified.



Sola/Hevi-Duty

Power Conditioners