

AFTEK-EHS

Heavy Duty Air-Arc Gouging Power Supplies

MV2400G2 | MV1800G2 | MV1200G1 | MV850G1 | GRS



100% Made In the U.S.A.

FEATURES

- Designed for heavy gouging and submerged arc welding.
- Designed to perform all other welding processes with optional add-on modules.
- Engineered for low maintenance in harsh environments.
- Performing outstanding cutting results on stainless, ductile, and manganese steel castings.
- Power sources, rated for 100% duty cycle. Amperage range adjustable in 50 amp increments.
- Designed with dual transformers on the MV1800G2 and the MV2400G2, a single Transformer on the MV850G1 thru 1200G1.
- Powder coated for a long lasting durable paint job.
- Rectifiers and transformers protected with thermostatically controlled alarms.
- Designed to shut down if any of the alarms are energized.
- Designed with an easy-to-switch "Snubber Circuit" to protect the diodes.
- Available with optional protection for incoming primary power.



NOTHING CAN MATCH THE POWER

All resistor elements are built using exclusive edge wound wire of a proprietary iron-aluminum alloy resulting in rust resistance, smoother arc characteristics, and cooler operation.



MODEL	WEIGHT	460V-3PH Input (A)	575V-3PH Input (A)	KVA
MV2400G2	1680	185	148	147
MV1800G2	1550	138	110	110
MV1200G1	1110	117	93	90
MV850G1	915	65	55	51

ELECTRODE	DIAMETER	DC ELECTRODE	WITH DCEP	ARC VOLTAGE
INCHES	MM.	MINIMUM AMPS	MAXIMUM AMPS	
1/8	3.2	60	90	35-56 VDC
5/32	4.0	90	150	35-56 VDC
3/16	4.8	200	250	35-56 VDC
1/4	6.4	300	400	35-56 VDC
5/16	7.9	350	450	35-56 VDC
3/8	9.5	450	600	35-56 VDC
1/2	12.7	800	1000	35-56 VDC
5/8	15.9	1000	1250	35-56 VDC
3/4	19.1	1250	1600	35-56 VDC
1	25.4	1600	2200	35-56 VDC

MODEL	OPEN CIRCUIT	ARC VOLTAGE	DC CURRENT RATING	DUTY CYCLE
MV2400G2	63VDC	45V @ NORMAL OPERATING CURRENT	50 - 2450A	100%
MV1800G2			50 - 1850A	
MV1200G1			50 - 1250A	
MV850G1			50 - 850A	

OTHER FEATURES OF THE AFTEK-EHS GOUGERS

RUGGED, RELIABLE, EASY TO USE

- Analog meters.
- Heavy duty rotary amperage switch.
- Three heavy duty coil fans.
- Modular construction for ease of maintenance.
- No electronics or PC boards.
- Reduce costs by using fewer cutting electrodes.
- Smoothest cutting arc in the industry.

THREE-YEAR WARRANTY ON POWER TRANSFORMERS, RECTIFIERS AND RESISTORS!

GRS

Remote amps control available (box with 100Ft of cable).



QUALITY

All AFTEK-EHS Gougers are assembled and manufactured to the highest quality standards by highly trained and experienced technicians.



ENGINEERED TO LAST



EASY TO USE AND ACCESS



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