



100% Made In The U.S.A.

Heavy Duty Air-Arc Gouging Power Supplies From AFTEK

MV2400G2 / MV1800G2 / MV1200G1



NOTHING CAN MATCH THE POWER OF THIS!

THE AFTEK GOUGERS ARE:

- 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.
- Designed with a single Transformer on the MV1200G1.
- Powder Coated for a long lasting durable paint job.
- Protected with Thermostatically controlled alarms on the Rectifiers and the Transformers.
- Designed to shut down if any of the Alarms are Energized.
- Also designed with an easy-to-switch “Snubber Circuit” to protect the diodes.
- Also available with optional protection for incoming Primary Power
- Dimensions 38” Wide x 50” Deep x 52” Tall

Difficult to show the MV2400G2 working



OTHER FEATURES OF THE AFTEK GOUGERS

- 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

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

MODEL	WEIGHT	460V-3PH	575V-3PH	KVA
MV2400G2	1680	185A	148A	147
MV1800G2	1550	138A	110A	110
MV1200G1	1510	117A	93A	90

Three-year warranty on power transformers, rectifiers and resistors!

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	60VDC	45V @	50 – 2450A	100%
MV1800G2	60VDC	NORMAL OPERATING	50 – 1850A	100%
MV1200G1	60VDC	CURRENT	50 – 1250A	100%

CONTACT US

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