



# Power Mag Technologies

## DC Magnetron Power Supplies

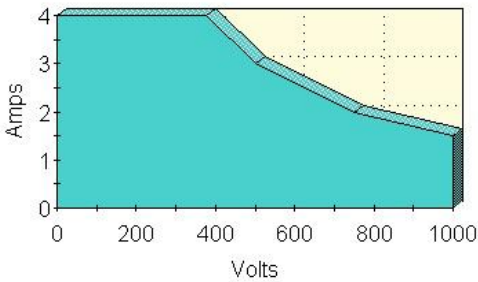
Made in USA



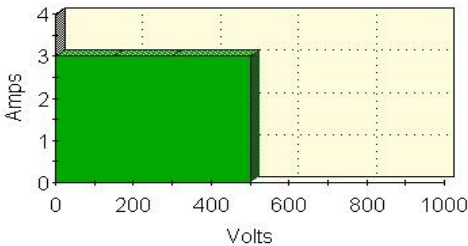
Maxim 1500 DC Magnetron Power Supply

- 1500 WATTS OF SUPERIOR ARC DETECTION AND SUPPRESSION
- COMPACT DESIGN
- VOLTAGE, CURRENT AND POWER REGULATION MODES
- NO TRANSFORMER TAP CHANGES
- FULL USABLE POWER ACROSS THE ENTIRE POWER RANGE
- 2 YEAR WARRANTY
- MADE IN THE USA

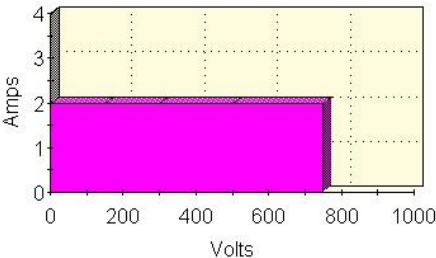
Maxim 1500 Power Graph



Competitor #1

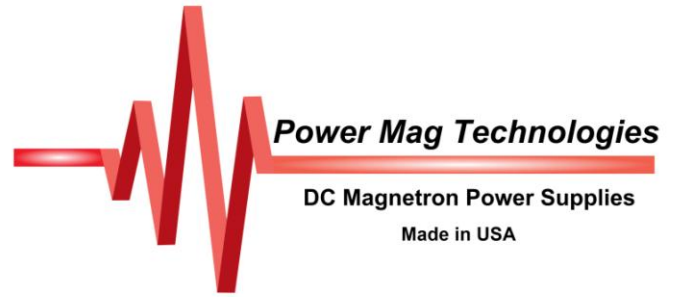


Competitor #2



### Power Mag Comparisons

Description	Value
Output Power	1500 watts
Output Power @ 1000 Volts	1500 watts
Output Power @ 500 Volts	1500 watts
Output Power @ 200 Volts	800 watts
Steady State Voltage	1000 volts Maximum
Strike Voltage	1000 volts Maximum
Max Output Current	4A
Arc Detection Time	<100 nsecs (.1 μ secs)
Arc Energy	< 1 mJ
Arc Detect Delay time	0.1 to 6500 μ secs (adjustable)
Arc out/Off Time	32 to 6500 μ secs (adjustable)
Arc Rate Counter	Yes
Features	Value
Power Ramping	0.001 to 65 Seconds(adjustable)
Run Timer	0.1 to 6553 Seconds(adjustable)
KwHr Counting	Yes
KwHr Limit	0.01 to 655 KwHr
Stored Target Information	Stores parameter sets for targets includes: P/V/I, ramp time, run time, arc detect delay, arc off time, KwHr's for 7 separate targets
Interlocks	1 each
Temperature Monitoring/Protection	Yes
RS-232/Analog Interfaces	Yes
Output Power Connector	Female UHF
Specifications	Value
Input Power	85-275 VAC(lower VAC may limit output), 50-60 Hz, 1 Phase
Input Current	14 amps Maximum
Power Factor	>0.98
Input Power Consumption	1.75 KW
Line Regulation	< 1 %
Load Regulation	< 1 %
Dimensions	19" x 21" x 1.75" (1 U Rack Height) (48.3cm x 53.3 cm x 4.44cm)
Weight	18 Lbs (8.2Kg)



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**All specifications may change without notice.**

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