

The GAP Generator
with no moving parts

Current Level of Progress

06-21-2019

Input to & output from 28.9 ohm coil. With rectifier.			
<i>One 1500 watt heating element & one 36 volt forklift light.</i>			
06/21/19	08:35 AM	<i>Ran on 7.5 amp fuse.</i>	
AC volts in	40.10	47.8 volts at Power supply.	
AC amps in	0.59	23.66	Watts input.
AC volts out	9.64		
AC amps out	0.60	5.78	AC watts out.
DC volts out	41.70		
DC amps out	1.53	63.80	DC Watts out.
		69.59	Watts output.
		45.94	Watts over unity.
		294.14	Percent of unity.

The relays I'm currently using doesn't hold up very well at this voltage, especially if I operate two coils. Solid state relays will solve this problem. Compare the above test with the two below.

I normally operate the GAP Generator with a DC power supply set to **38.8 volts**. Note the performance at the bottom on 06-18-19 at 08:58 am. Just above that is a test done on 06-19. I didn't write the time down, it just states test 5. Note the **44.8 volts** at power supply. Compare the watts over unity with just that much increase in voltage. Now compare to these two tests below to the one above at **47.8 volts** at power supply.

Input to & output from 29.8 ohm coil. B4 rectifier.			
<i>One 1500 watt heating element & one 36 volt forklift light.</i>			
06/19/19	test-5	<i>Ran on 5 amp fuse.</i>	
AC volts in	37.33	44.8 volts at Power supply.	
AC amps in	0.63	23.52	Watts input.
AC volts out	37.48		
AC amps out	0.59	22.11	AC watts output.
DC volts out	19.22		
DC amps out	1.28	24.60	DC Watts output.
		46.72	Total Watts output.
		23.21	Watts over unity.
		198.66	Percent of unity.
Input to & output from 28.9 ohm coil. B4 rectifier.			
<i>One 1500 watt heating element & one 36 volt forklift light.</i>			
06/18/19	08:58 AM	<i>Ran on 5 amp fuse.</i>	
AC volts in	32.12	38.8 volts at Power supply.	
AC amps in	0.59	18.95	Watts input.
AC volts out	32.03		
AC amps out	0.54	17.30	AC watts output.
DC volts out	15.82		
DC amps out	0.89	14.08	DC Watts output.
		31.38	Total Watts output.
		12.44	Watts over unity.
		165.59	Percent of unity.