The GAP Generator

with no moving parts

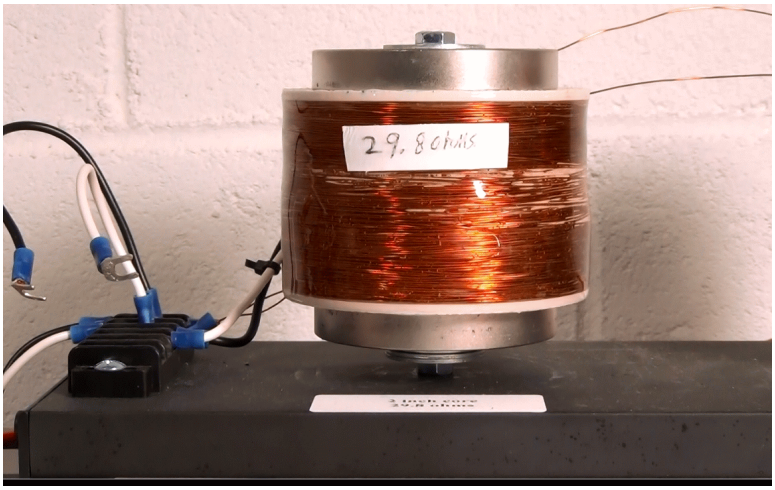
Compare 38.2 volts to 50 volts at power supply

Without having good solid state relays I'm testing to see how high I can go with the mechanical ones. 50 volts is the maximum for the power supply. 50 volts causes the relay contacts to flash too much but, I did manage to get a couple good tests.

Checking at 38.2 volts at power Supply.	***Input to & output from 28.9 ohm coil. With rectifier.***			
This would be a fully charged 36 volt bank	*One 1500 watt heating element & one 36 volt forklift light.*			
of batteries.	07/21/19	08:01 AM	*Ran on 7.5 amp fuse.*	
Test done with a good relay.	AC volts in	30.63	*38.2 volts at Power supply.*	
	AC amps in	0.42	12.86	Watts input.
	AC volts out	8.37		
	AC amps out	0.44	3.68	AC watts out.
	DC volts out	32.33		
	DC amps out	0.89	28.77	DC Watts out.
			32.46	Watts output.
			19.60	Watts over unity.
			252.33	Percent of unity.

I turned the voltage fine adjustment knob	***Input to & output from 28.9 ohm coil. With rectifier.***			
to increase volts to 50. That's 80% battery	*One 1500 watt heating element & one 36 volt forklift light.*			
charge for a 48 volt battery bank.	06/24/19	01:05 PM	*Ran on 7.5 amp fuse.*	
	AC volts in	40.60	*50.0 volts at Power supply.*	
	AC amps in	0.55	22.33	Watts input.
	AC volts out	10.54		
	AC amps out	0.57	6.01	AC watts out.
	DC volts out	43.60		
	DC amps out	1.51	65.84	DC Watts out.
			71.85	Watts output.
I'm at exactly 1/2 where I want to be.for one coil. >>>			49.52	Watts over unity.
			321.76	Percent of unity.
Amp meter on power supply said 6.7. I ran	***Input to & output from 28.9 ohm coil. With rectifier.***			
The GAP Generator for 10 seconds on a 5	*One 1500 watt heating element & one 36 volt forklift light.*			
amp fast acting fuse and it didn't even get	06/24/19	06:40 PM	*Ran on 7.5 amp fuse.*	
warm. So it couldn't be using over 5 amps.	AC volts in	40.60	*50.0 volts at Power supply.*	
I checked the amps beyond the rectifier	AC amps in	0.56	22.74	Watts input.
also and it was 6.45. ... I put those input	AC volts out	10.25		
and output numbers just beow this test	AC amps out	0.59	6.05	AC watts out.
using input amps at 5 and volts at 50.	DC volts out	43.60		
	DC amps out	1.50	65.40	DC Watts out.
			71.45	Watts output.
			48.72	Watts over unity.
			314.27	Percent of unity.

49.52 / 19.6 = 2.53 times more output in watts. The percentage of unity goes up quite a lot also.
48 / 36 = 1.33 times increase in input voltage.
At 50 volts input to the coil, I think I'm still not at maximum performance of amplification & neutralization of the magnets.



This is the coil I'm testing.

Tests need to be done at higher voltage to determine the maximum performance.

I now have done tests with 36, 42, and 48 volt batteries banks.