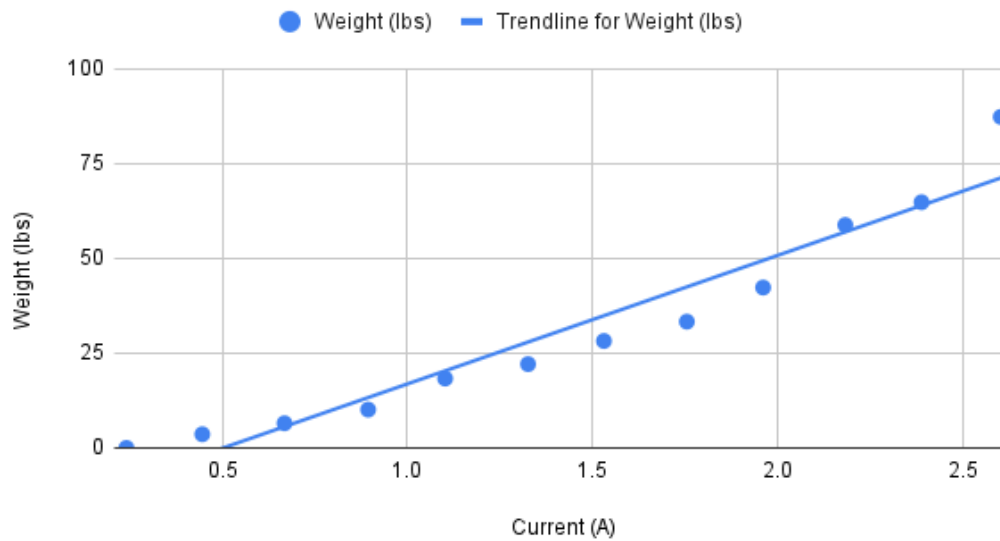


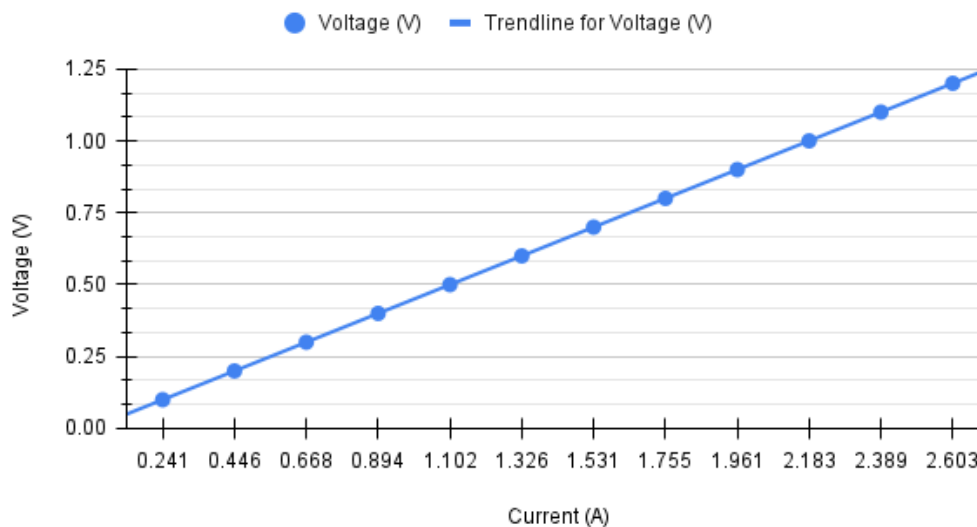
Electromagnet data

Voltage (V)	Current (A)	Weight (lbs)
0.1	0.241	0
0.2	0.446	3.6
0.3	0.668	6.5
0.4	0.894	10.1
0.5	1.102	18.3
0.6	1.326	22.1
0.7	1.531	28.2
0.8	1.755	33.3
0.9	1.961	42.3
1	2.183	58.8
1.1	2.389	64.8
1.2	2.603	87.3

Weight (lbs) vs. Current (A)



Current (A) vs. Voltage (V)

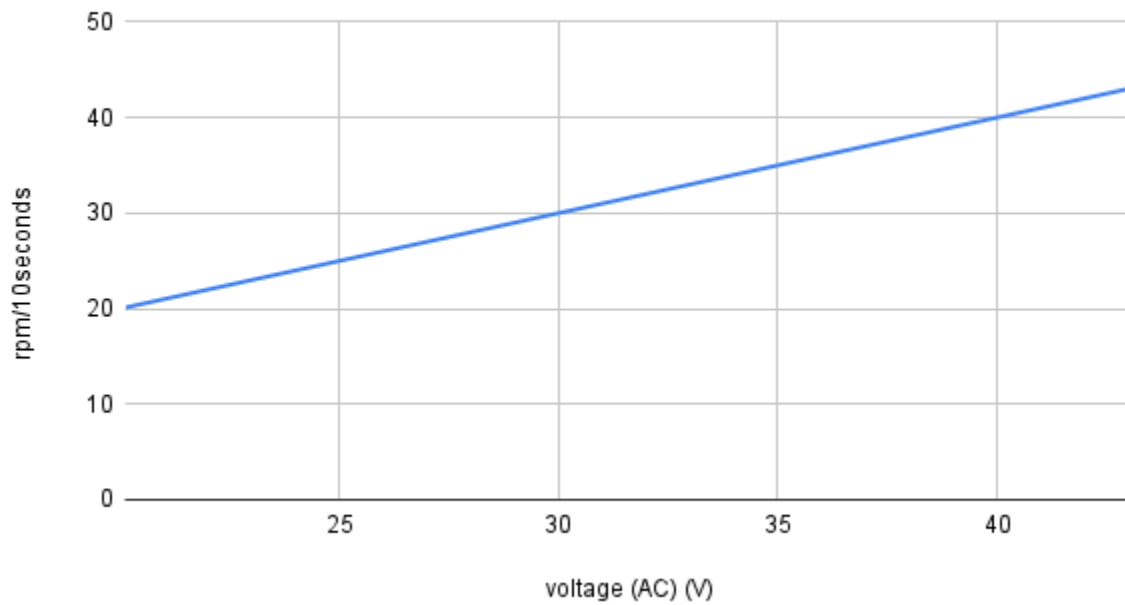


Generator Data

rpm/10seconds	voltage (DC) (V)
120 rpm	2.02
180 rpm	4.05
240 rpm	5.1

rpm/10seconds	voltage (AC) (V)
120 rpm	20.1
180 rpm	34.3
240 rpm	43.1

voltage (AC) (V) vs. rpm/10seconds



voltage (DC) (V) vs. rpm/10seconds

