

## HY-1500L/48V Testing Data

1.No load Testing(Starting Resistance torque $T=0.4 \times 0.9=0.36\text{N.m}$ )											
RPM	250	300	350	400	450	500	550	600	650	700	750
Vdc	51	62	72	83	92	103	114	124	134	145	155
Vac	38	46	53	61	68	76	84	92	99	107	115
Ratio	1.342105	1.348	1.3585	1.3607	1.353	1.3553	1.3571	1.348	1.3535	1.3551	1.3478
2.With Load testing (Theory Resistance load is $R=2.3\Omega$ )											
RPM	250	300	350	400	450	500	550	600	650	700	750
Vdc	26	30	35	39	42	46	49	51	54	56	58
Vac	11.1	13	15	16.8	18.2	19.8	21.1	22.2	23.3	24.1	26
Output power w	288.6	390	525	655.2	764.4	910.8	1033.9	1132	1258.2	1349.6	1508

