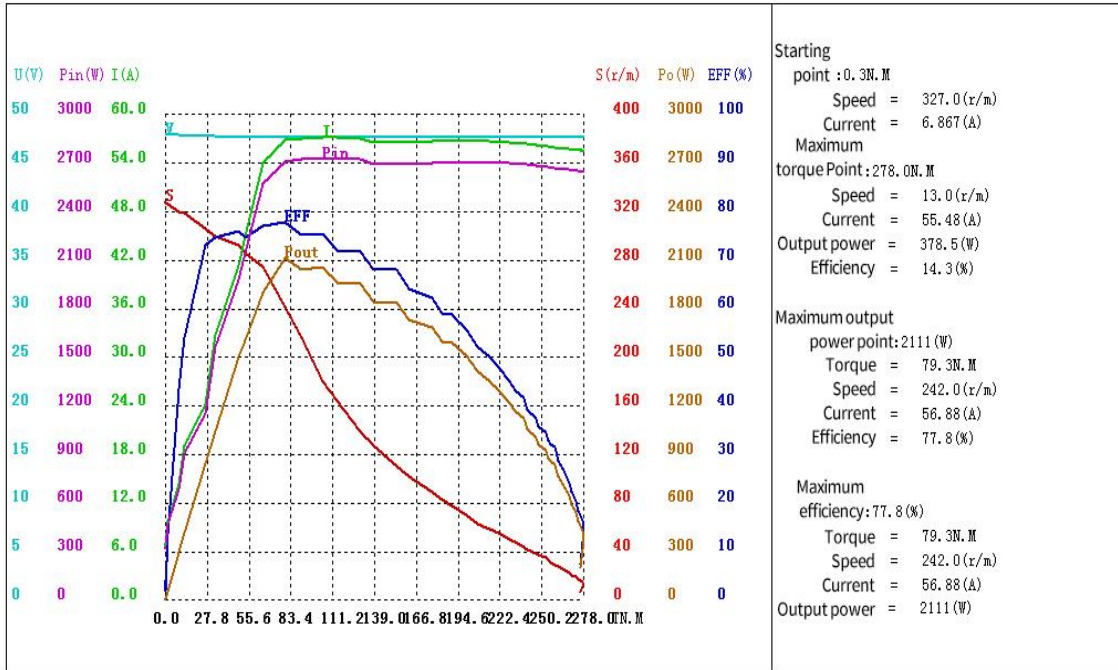




## TSUYO MANUFACTURING PVT LTD

Motor load characteristic curve

Motortype: 48V1500W  
 Company name:  
 Tester: zlg12  
 Test date: 2022-05-27  
 Rated voltage: 48 (V)  
 Rated current: 31.0 (A)  
 Rated power: 1500 (W)  
 Rated speed: 3300 (r/m)



### Motor test data report

Motor model	48V1500W				Rated voltage		48 (V)		
Company name					Rated current		31.0 (A)		
Tested by	zlg12				Rated power		1500 (W)		
date of observation	2022-05-27				Rated speed		3300 (r/m)		
No.	U (V)	I (A)	Pin (W)	T (N.m)	S (r/m)	Pout (W)	$\eta$ (%)	HZ	PF
001	47.9	6.867	329.3	0.3	327.0	13.52	4.1	0.0	1.00
002	47.9	6.752	323.8	0.3	327.0	13.52	4.1	0.0	1.00
003	47.9	6.816	326.8	0.3	328.0	13.57	4.2	0.0	1.00



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004	47.9	7.022	336.7	0.2	327.0	6.76	2.0	0.0	1.00
005	47.9	9.793	469.4	1.5	326.0	53.93	13.6	0.0	1.00
006	47.9	14.30	685.3	8.8	320.0	298.7	43.6	0.0	1.00
007	47.8	19.04	911.8	12.4	319.0	415.5	54.1	0.0	1.00
008	47.8	24.20	1157	26.2	306.0	847.0	73.2	0.0	1.00
009	47.8	32.78	1567	33.1	300.0	1042	74.6	0.0	1.00
010	47.7	41.40	1977	48.9	293.0	1502	76.0	0.0	1.00
011	47.7	44.96	2147	53.1	286.0	1607	74.8	0.0	1.00
012	47.7	54.05	2579	64.7	275.0	1899	77.0	0.0	1.00
013	47.7	56.88	2713	79.3	242.0	2111	77.8	0.0	1.00
014	47.7	57.13	2723	90.4	216.0	2045	75.2	0.0	1.00
015	47.7	57.16	2727	104.6	180.0	2060	75.5	0.0	1.00
016	47.7	57.15	2726	114.3	164.0	1963	72.0	0.0	1.00
017	47.7	57.09	2724	129.5	139.0	1953	71.7	0.0	1.00
018	47.7	56.52	2698	138.6	127.0	1843	68.2	0.0	1.00
019	47.7	56.57	2699	154.0	110.0	1838	68.1	0.0	1.00
020	47.7	56.53	2697	162.1	102.0	1731	64.1	0.0	1.00
021	47.7	56.69	2705	177.1	89.0	1687	62.4	0.0	1.00
022	47.7	56.75	2708	184.0	83.0	1599	59.0	0.0	1.00
023	47.7	56.72	2706	190.3	78.0	1594	58.9	0.0	1.00
024	47.7	56.74	2708	200.2	70.0	1509	55.7	0.0	1.00
025	47.7	56.69	2705	207.7	63.0	1414	52.3	0.0	1.00
026	47.7	56.70	2705	215.2	59.0	1352	50.0	0.0	1.00
027	47.7	56.57	2699	221.1	56.0	1296	48.0	0.0	1.00
028	47.7	56.56	2700	228.6	50.0	1221	45.2	0.0	1.00
029	47.7	56.48	2695	232.2	48.0	1167	43.3	0.0	1.00
030	47.7	56.49	2696	238.3	44.0	1123	41.7	0.0	1.00
031	47.7	56.41	2691	240.9	42.0	1059	39.4	0.0	1.00
032	47.7	56.23	2684	246.4	39.0	1006	37.5	0.0	1.00
033	47.7	56.15	2679	248.2	37.0	961.7	35.9	0.0	1.00
034	47.7	56.12	2678	253.1	35.0	927.8	34.6	0.0	1.00
035	47.7	56.13	2678	254.5	33.0	879.6	32.8	0.0	1.00
036	47.7	55.96	2669	256.1	31.0	858.2	32.1	0.0	1.00
037	47.7	55.93	2668	258.9	29.0	840.4	31.5	0.0	1.00
038	47.7	55.85	2666	261.2	28.0	766.0	28.7	0.0	1.00
039	47.7	55.81	2663	264.2	26.0	719.3	27.0	0.0	1.00
040	47.7	55.73	2659	265.8	25.0	695.8	26.2	0.0	1.00
041	47.7	55.76	2661	268.7	23.0	647.3	24.3	0.0	1.00



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042	47.7	55.67	2656	269.9	21.0	593.6	22.3	0.0	1.00
043	47.7	55.65	2655	272.9	19.0	542.9	20.4	0.0	1.00
044	47.7	55.56	2651	274.3	17.0	488.3	18.4	0.0	1.00
045	47.7	55.55	2650	277.2	15.0	435.5	16.4	0.0	1.00
046	47.7	55.48	2647	278.0	13.0	378.5	14.3	0.0	1.00
047	47.7	55.43	2645	275.7	7.0	202.0	7.6	0.0	1.00



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