

A2212/13T TECHNICAL DATA

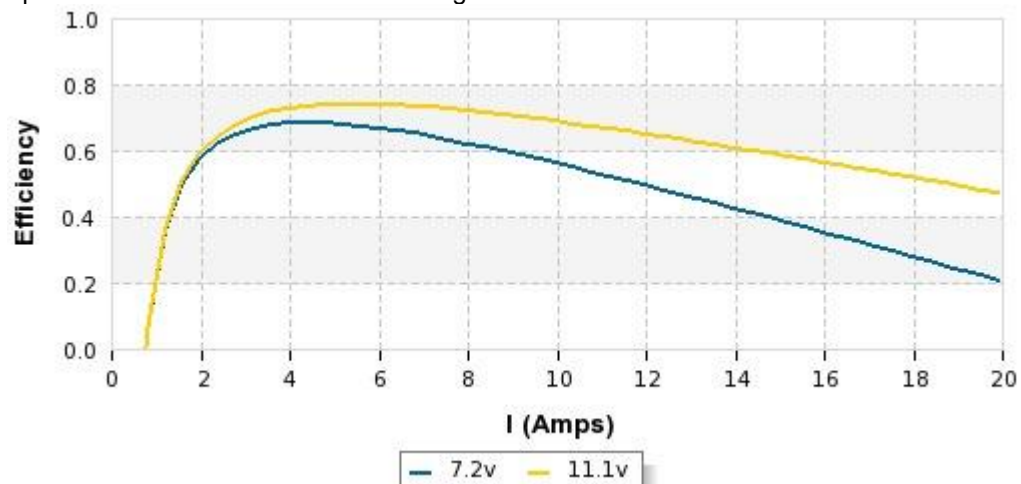
[Motor Cross Reference Chart](#) or Click [here](#) to order the Economy version or click [here](#) to order the good version

No. of Cells:	2 - 3 Li-Poly 6 - 10 NiCd/NiMH
Kv:	1000 RPM/V
Max Efficiency:	80%
Max Efficiency Current:	4 - 10A (>75%)
No Load Current:	0.5A @10V
Resistance:	0.090 ohms
Max Current:	13A for 60S
Max Watts:	150W
Weight:	52.7 g / 1.86 oz
Size:	28 mm dia x 28 mm bell length
Shaft Diameter:	3.2 mm
Poles:	14
Model Weight:	300 - 800g / 10.5 - 28.2 oz

An small yet powerful motor for planes up to 800 grams (28 oz) using 3 li-poly cells. We suggest propping for around 140 watts continuous power with short bursts up to 180 watts. An excellent higher-powered replacement for geared Speed 400-480 motors in slow-flying or 3D planes that require a larger 10" propeller. Use on sailplanes up to 28 oz, trainers up to 25 oz, aerobatic aircraft up to 18 oz and 3D airplanes up to 15 oz. Recommended prop is 10 x 5 on 3 li-poly cells.

The motor features a 3.2mm hardened steel shaft, dual ball bearings, and has 3.5mm gold spring male connectors already attached and includes 3 female connectors for your speed control. Now includes collet type prop adapter and radial motor mount. Mounting holes have 16mm and 19mm spacing on centers and are tapped for 3mm (M3) screws.

Similar to Welgard A2212-13, AXI Gold A2212/26, Welgard C2830-12, E-Flite Park 400. Great replacement motor for a 1/2A Texaco engine.



IO TEST DATA

Volts	Amps	RPM
7	0.6	7380
8	0.65	8460
10	0.75	10500

TEST DATA

Propeller	Gear Ratio	Volts	Amps	Watts	RPM	Speed (mph)	Thrust (g)	Thrust (oz)
GWS HD 8x4	1	7	3.35	23	6630	25.1	226	7.97
GWS HD 8x4	1	7.9	4.1	32	7410	28.1	287	10.12
GWS HD 8x4	1	8.9	4.85	43	8220	31.1	347	12.24
GWS HD 8x4	1	9.9	5.65	55	8940	33.9	420	14.82
GWS HD 8x4	1	10.9	6.5	70	9660	36.6	495	17.46
GWS HD 9x5	1	6.9	5.5	37	6000	28.4	348	12.28
GWS HD 9x5	1	7.9	6.7	52	6660	31.5	436	15.38
GWS HD 9x5	1	8.9	7.85	69	7290	34.5	526	18.55
GWS HD 9x5	1	9.9	9.25	91	7920	37.5	627	22.12
APC E 10x5	1	6.9	7	48	5610	26.6	406	14.32
APC E 10x5	1	7.9	8.45	66	6120	29.0	505	17.81
APC E 10x5	1	8.9	9.9	88	6690	31.7	604	21.31
APC E 10x5	1	9.9	11.45	113	7170	34.0	702	24.76
APC E 10x5	1	10.9	13	141	7650	36.2	802	28.29
GWS HD 10x6	1	6.9	7.2	49	5610	31.9	424	14.96
GWS HD 10x6	1	7.9	8.7	68	6180	35.1	526	18.55
GWS HD 10x6	1	8.9	10.1	89	6690	38.0	617	21.76
GWS HD 10x6	1	9.9	11.7	115	7200	40.9	722	25.47
GWS HD 10x6	1	10.9	13.25	144	7680	43.6	817	28.82
GWS HD 10x8	1	10.8	18.2	196	6390	48.4	733	25.86