



Model	31ZY-0640	31ZY-1280	31ZY-1240	31ZY-2425	31ZY-2450	31ZY-2480
Rated Voltage	6 V	12 V	12 V	24 V	24 V	24 V
No-load speed	4000 RPM	8000 RPM	4000 RPM	2500 RPM	5000 RPM	8000 RPM
No-load current	< 180 mA	< 350 mA	< 110 mA	< 80 mA	< 100 mA	< 200 mA
Max. Eff. Power	2.7 W	11.3 W	3.4 W	1.7 W	7.9 W	14.8 W
Max. Eff. torque	90 g.cm	190 g.cm	90 g.cm	90 g.cm	160 g.cm	190 g.cm
Max. Eff. current	< 0.8 A	< 1.65 A	< 0.55 A	< 0.25 A	< 0.6 A	< 1.2 A
Max. Eff. speed	3240 RPM	6530 RPM	3200 RPM	1750 RPM	4180 RPM	6600 RPM
Max. Power	4.4 W	19 W	5.4 W	2 W	14.4 W	26.3 W
Max. Power Torque	250 g.cm	530 g.cm	250 g.cm	150 g.cm	500 g.cm	550 g.cm
Max. Power Current	< 1.7 A	< 3.5 A	< 1.2 A	< 0.35 A	< 1.5 A	< 2.5 A
Max. Power Speed	2230 RPM	4420 RPM	2220 RPM	1250 RPM	2700 RPM	4350 RPM
Stall Torque	> 400 g.cm	> 800 g.cm	> 450 g.cm	> 300 g.cm	> 700 g.cm	> 1000 g.cm
Stall current	< 3.3 A	< 6.5 A	< 2.3 A	< 0.6 A	< 2 A	< 4.5 A