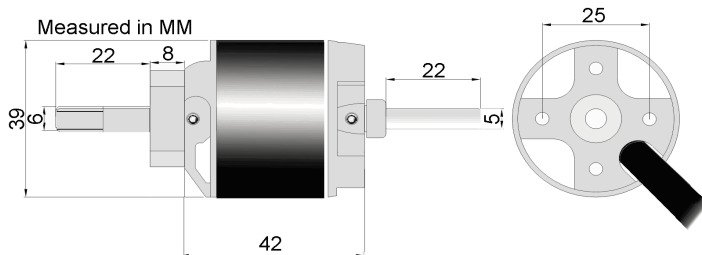




THIS MOTOR IS EQUIVALENT TO A .40 SIZE COMBUSTION ENGINE.
 For Models requiring a brushless outrunner motor capable of 800 watts of power.

MOTROFLY DM-2825-650

Ideal for the following models by flying weight:
 3D planes up to 64 oz.
 Pattern planes up to 64 oz.
 Prop Jet planes up to 64 oz.
 Scale or Sport planes up to 100 oz.



Motor weight with out, X mount, connectors and hub as most are measured, 182 grams



Weight is with prop adaptor, X mount, and pre soldered 2mm connectors.				
Weight 7.2 oz 204 gram	Kv 767	No load Current 1.20A at 7V	No load Current 1.75A at 10V	Resistance 0.34Ω
Voltages 11.1V to 18.5V	Max Current 55 amps	Max Watts 14.8V 820 W	Max Watts 18.5V 945 W	Max Efficiency %

Max prop size to use per voltage or cell count for this motor.				
7.4V	11.1V	14.8V	18.5V	22.2V
6 Ni-MH/Ni-Cd OR 2 Cell Lipo	10 Ni-MH/Ni-Cd OR 3 Cell Lipo	13 Ni-MH/Ni-Cd OR 4 Cell Lipo	16 Ni-MH/Ni-Cd OR 5 Cell Lipo	18 Ni-MH/Ni-Cd OR 6 Cell Lipo
APC Prop Size 16x10	APC Prop Size 13x6.5	APC Prop Size 11x7	APC Prop Size	APC Prop Size

Power System for 3D models with a flying weight up to 64 oz.			
Propeller APC 13x6.5 E	Speed Control FM-60	Max Watts 814 W	Recommended Lipo Battery 4s 2200mah 30C to 2500mah 25C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 14.8V 111 oz gram	Pitch speed 56 mph	Max amp draw 55 amps	Total Weight (W/O Battery) 10.8 oz (307 grams)

Power System for Pattern models with a flying weight up to 64 oz.			
Propeller APC 12x8 E	Speed Control FM-60	Max Watts 740 W	Recommended Lipo Battery 4s 2200mah 30C to 2500mah 25C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 14.8V 97 oz gram	Pitch speed 70 mph	Max amp draw 50 amps	Total Weight (W/O Battery) 10.7 oz (304 grams)

Prop Jet or Fast Airfoil models with a flying weight up to 64 oz.			
Propeller Aeronaut Carbon E 10x8	Speed Control FM-60	Max Watts 943 W	Recommended Lipo Battery 5s 2200mah 30C to 2500mah 25C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust at 18.5V 100 oz gram	Pitch speed 91 mph	Max amp draw 51 amps	Total Weight (W/O Battery) 10.6 oz (302 grams)

Sport models with a flying weight up to 100 oz.			
Propeller APC 13x6.5 E	Speed Control FM-60	Max Watts 814 W	Recommended Lipo Battery 4s 2500mah 20 to 25C
Total weight is motor with all hardware, connectors, speed control, and prop.			
Thrust 111 oz gram	Pitch speed MPH 56 mph	Max amp draw 55 amps	Total Weight (W/O Battery) 10.8 oz (307 grams)

Property of Subsonic Planes 2009 all rights reserved.

Motor Comparison:
Atlas 2927/10 740Kv
AXI 2826/12 760Kv
Dualsky XM4250CA-6 840Kv
Eflite Power 32 770Kv
Hacker A30-12XL 770Kv
Himax HC 3528-0800
Hyperion Z3025-10 815 Kv
HXT 35-48C 800Kv
Rim Fire 35-48-850
Scorpion 3026-12 830Kv
Torque 2814-605

**ONE YEAR WARRANTY
 ON MANUFACTURERS
 DEFECTS.**

SEE TERMS AND CONDITIONS
 FOR MORE DETAILS.