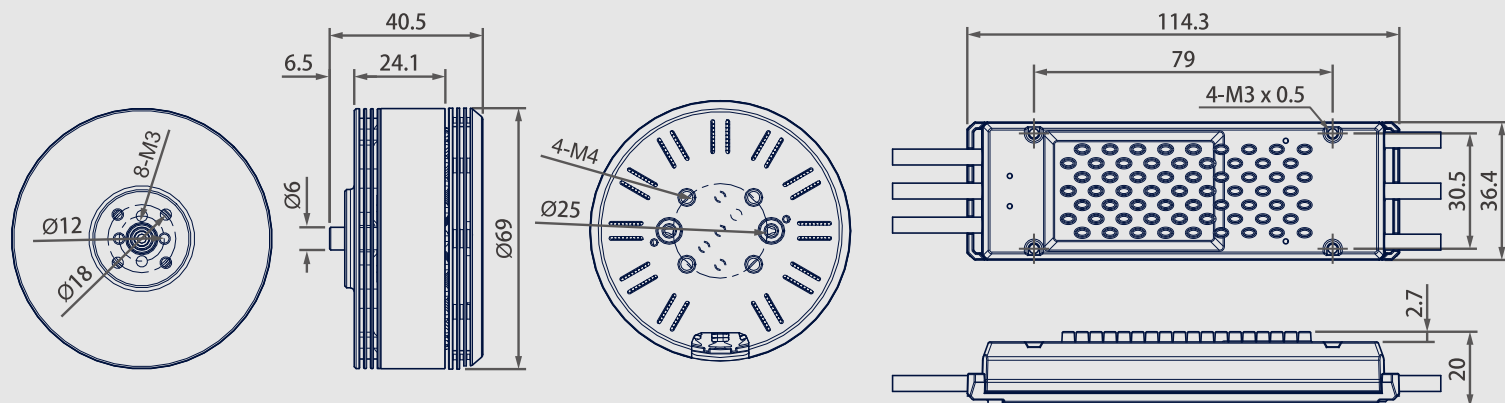


Technical Drawing



Specifications

Motor	V6115	ESC	V100A
KV Rating (rpm/V)	210KV	Input Voltage	10-14 S
Max Thrust	12.9 kg	Continuous Current	80 A
Input Voltage	12 S	Peak Current	100 A (10 Seconds)
Max. Current	70 A	PWM Frequency	50~400 Hz
Max. Input Power	3200 W	PWM Pulse Width Rang	1100 - 2000 µs
Configuration	24N28P	Operating Temperature Range	-20 °C~80 °C
Recommended Propeller	22*7.4"	Dimensions	114.3*36.4*20 mm
Dimensions	69*40.5 mm	Weight (without wires)	123 g
Weight	385 g		
Winding/Magnet Grade	180°C/180°C		

V6115 – V100A Technical Parameters

Voltage (V)	Propeller	Throttle (%)	Thrust (kg)	Current (A)	Power (W)	Speed (RPM)	EFF (g/W)
48V	22*7.4"	10	0.25	1.00	48	900	5.21
		20	1.32	2.96	142	1668	9.31
		30	2.32	5.57	267	2580	8.70
		40	3.52	9.22	441	3216	7.99
		50	4.82	14.11	673	3900	7.16
		60	6.48	20.87	993	4584	6.52
		70	8.31	30.58	1449	5196	5.73
		80	10.24	41.88	1977	5784	5.18
		90	11.78	55.44	2600	6276	4.53
		100	12.90	65.99	3088	6708	4.18

The above data is measured by changing the throttle input to adjust the tension under the environment of 20°C and sea level.