



Product	
Product Name	Motor Pilotix
Model	4214 660KV-V2
SKU	6287
Category	Motors for FPV drones
Motor KV	660KV
Motor Size	4214
Specifications	
Power Supply	8S
Internal Resistance	28mΩ
Shaft Diameter	6mm
Maximum Thrust	5845.18g (8S)
Maximum Power	1718.7W
Stator / Magnets	12N14P
Silicone Cable	14 AWG, 670mm
Maximum Current	78.23A
No-Load Current	1.5A
Common	
Size	φ 50.4*20.5mm
Weight	261.5g

- High performance for professional and high-load systems.
- High thrust in a compact form factor.
- Optimized efficiency to reduce power consumption.

Test Table

Throttle (%)	Commutation speed (RPM)	Voltage (V)	Current (A)	tensile force (g)	Torque (N·m)	Infrared temperature- (°C)	Electrical power (W)	Shaft power (W)	Electric Drive Efficiency (%)	Paddle Efficiency (gf/W)	System Efficiency (gf/W)
10	1255	22.27	0.51	69	0.062	26.5	11.4	8.1	71.1	8.5	6.0
20	2869	22.25	1.91	319	0.096	26.7	42.5	28.8	67.8	11.1	7.5
30	4060	22.23	3.88	715	0.149	27.0	86.3	63.3	73.3	11.3	8.3
40	5234	22.17	7.75	1236	0.246	27.2	171.8	134.8	78.5	9.2	7.2
50	6199	22.09	12.86	1750	0.347	27.4	284.1	225.3	79.3	7.8	6.2
60	7343	21.95	21.09	2512	0.490	28.0	462.9	376.8	81.4	6.7	5.4
70	8377	21.79	31.49	3265	0.646	28.6	686.2	566.7	82.6	5.8	4.8
80	9328	21.59	45.01	4044	0.820	29.5	971.8	801.0	82.4	5.0	4.2
90	10129	21.36	60.00	4862	0.990	30.4	1281.6	1050.1	81.9	4.6	3.8
100	10908	21.06	79.06	5740	1.180	31.7	1665.0	1347.9	81.0	4.3	3.4

Dimension Diagram

