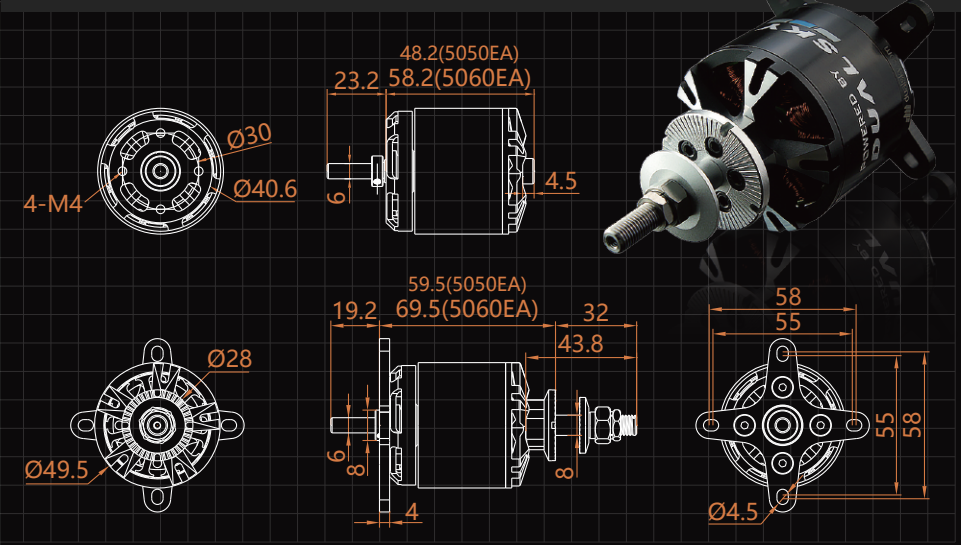


Dimension 尺寸图



Specification 参数

NAME 型号	XM5060EA-9	XM5060EA-10	XM5060EA-12	XM5060EA-14SE
SKU 商品编码	51865	51866	51867	52096
RPM / V (KV) KV值	550	490	400	350
Weight (g) 重量	391	392	393	395
Dimensions(D x L)[mm] 尺寸	49.5x58.2			
Diameter of Shaft (mm) 轴径	6.0			
Spec. of Mounting Holes 安装孔距	4-M4, 30/30			
Input Connectors 输入插头	DB4			
Dimensions of Stator (mm) 定子尺寸	4130			
Slots & Poles 槽数, 极数	12N14P			
Io@10V(A)空载电流	2.1	1.8	1.4	1.1
Resistance(Ri)(mOhm) 电机内阻	12.0	14.0	18.5	23.5
No.of Cells(LiPo) 适用电池	5 <sup>1</sup> .6	5.6 <sup>1</sup>	6 <sup>1</sup>	6 <sup>1</sup> .8
EfficiencyCurrent(A) 效率电流	50	47.5	42.5	40
Burst Current (15S)[A] 峰值电流	100	95	85	80
Peak Power(15S)[W] 峰值功率	2000	2280	2040	1920
Peak Torque (mNM) 峰值扭矩	2.17	2.31	2.54	2.73
Recommended ESC 推荐调速器	SUMMIT 100			
Recommended Propeller 螺旋桨	5S <sup>1</sup> : 16x8E, 17x10E <sup>2</sup> 6S: 15x6, 16x8E <sup>2</sup>	5S: 17x8E, 18x10E 6S <sup>1</sup> : 15x8, 16x10E, 17x10E <sup>2</sup>	6S: 16x12E, 17x10E, 17x12E	6S: 17x10E, 17x12E, 18x10E 8S: 15x8E, 16x10E, 17x8E
Applications 适用级别	90E, .75-.90 2-stroke Up to .110 4st			

注: <sup>1</sup> Suggested working voltage(NOC) 建议工作电压(串联节数)

<sup>2</sup> Good throttle management needed 可在有效控制油门的情况下使用

18.5V

XM5060EA-9 (550KV)

Motor @ Optimum Efficiency 优化效率点

61.03  
A

Current  
电流

17.72  
V

Voltage  
电压

9004  
rpm

Revolutions  
转速

1081.3  
W

electric Power  
电功率

981.8  
W

mech. Power  
机械功率

90.8  
%

Efficiency  
效率

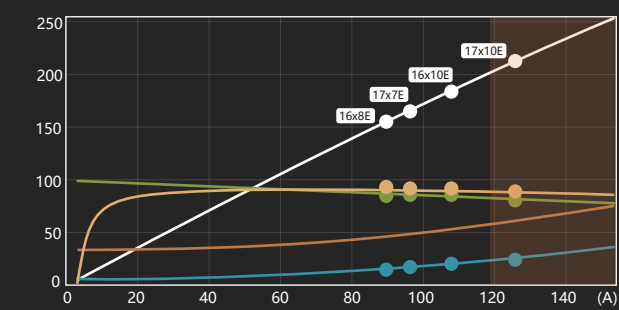
EL.POWER 电功率 [IN 10W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS  
转速 [IN 100RPM]

WASTE POWER  
损耗功率 [IN 10W]

MOTOR CASE TEMP.  
马达壳体温度 [°C]



Voltage 电压 (V)	Propeller 转速 (RPM)	Throttle 油门 (%)	Current 电流 (A)	Voltage 电压 (V)	el. Power 电功率 (W)	Efficiency 效率 (%)	Thrust 拉力 (g)	Spec. Thrust 桨效率 (g/W)
18.5V (5S LIPO)	16x8E							
	6000	66	30.1	18.2	543.3	90.2	3174	5.8
	6600	73	40.3	18.1	721.9	90.4	3841	5.3
	7200	81	52.8	17.9	937.1	90.4	4571	4.9
	7800	89	67.8	17.8	1192.7	90.3	5364	4.5
	8400	98	85.8	17.6	1492.2	90.1	6221	4.2
	8568	100	91.7	17.5	1589.4	89.9	6472	4.1
	16x10E							
	5400	60	27.6	18.2	497.1	89.9	3214	6.5
	6000	67	38	18.1	681.2	90	3968	5.8
	6600	75	51.1	18	907.3	89.9	4801	5.3
	7200	83	67.2	17.8	1180.2	89.7	5713	4.8
	7800	92	86.7	17.6	1504.8	89.5	6705	4.5
	8336	100	108	17.4	1849.3	89	7659	4.1
	17x7E							
	6000	66	33.7	18.1	606.4	90.2	3331	5.5
	6600	74	45.2	18	806.7	90.2	4031	5
	7200	82	59.3	17.9	1048.2	90.1	4797	4.6
	7800	90	76.4	17.7	1335.3	90	5630	4.2
	8400	99	96.9	17.5	1672	89.7	6529	3.9
	8458	100	99.5	17.5	1713.3	89.5	6620	3.9
	17x10E							
	4800	53	24.8	18.2	447.6	89.3	3046	6.8
	5400	61	35.6	18.1	637.1	89.4	3855	6.1
	6000	69	49.3	18	875.6	89.2	4759	5.4
	6600	77	66.7	17.8	1169.3	88.9	5758	4.9
	7200	86	88.1	17.6	1524.8	88.5	6853	4.5
	7800	96	114.5	17.3	1948.4	88.1	8043	4.1
	8053	100	128	17.2	2157.7	87.7	8574	4

22.2V

XM5060EA-9 (550KV)

Motor @ Optimum Efficiency 优化效率点

73.04  
A

Current  
电流

21.11  
V

Voltage  
电压

10725  
rpm

Revolutions  
转速

1541.9  
W

electric Power  
电功率

1400.4  
W

mech. Power  
机械功率

90.8  
%

Efficiency  
效率

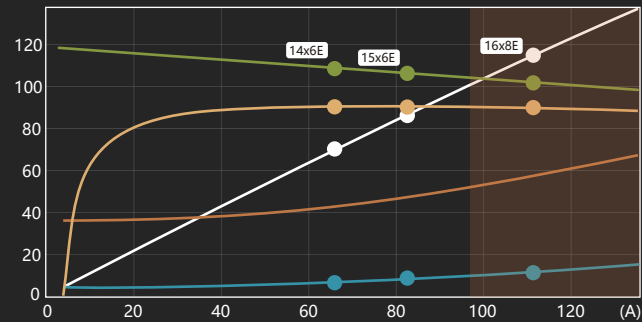
EL.POWER 电功率 [IN 20W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS  
转速 [IN 100RPM]

WASTE POWER  
损耗功率 [IN 20W]

MOTOR CASE TEMP.  
马达壳体温度 [°C]



22.2V (6S LIPO)	Voltage 电压 (V)	Propeller 转速 (RPM)	Throttle 油门 (%)	Current 电流 (A)	Volage 电压 (V)	el. Power 电功率 (W)	Efficiency 效率 (%)	Thrust 拉力 (g)	Spec. Thrust 桨效率 (g/W)
	14x6E								
	5600	49	49	9.2	22.1	202.4	86.6	1389	6.9
	6400	56	56	13.5	22	296.5	88.2	1815	6.1
	7200	64	64	19.1	22	417	89.3	2297	5.5
	8000	71	71	26.1	21.9	567.5	90	2835	5
	8800	79	79	34.7	21.8	751.5	90.5	3431	4.6
	9600	87	87	45.3	21.6	972.6	90.8	4083	4.2
	10400	95	95	57.9	21.5	1234.4	90.9	4791	3.9
	10835	100	100	65.9	21.4	1397.7	90.8	5201	3.7
	15x6E								
	5600	49	49	11.9	22	261.2	88.4	1709	6.5
	6400	57	57	17.6	22	384.7	89.6	2232	5.8
	7200	65	65	25	21.9	543.5	90.3	2825	5.2
	8000	72	72	34.3	21.8	742.2	90.7	3487	4.7
	8800	81	81	45.9	21.6	985.5	90.9	4219	4.3
	9600	89	89	60.1	21.4	1278.3	91	5022	3.9
	10400	98	98	77.3	21.2	1625.6	91	5893	3.6
	10588	100	100	82	21.2	1720.5	90.8	6108	3.6
	16x8E								
	5600	50	50	17.7	22	388.1	89.9	2419	6.2
	6300	57	57	25.2	21.9	549.6	90.4	3062	5.6
	7000	64	64	34.7	21.8	752.1	90.6	3780	5
	7700	71	71	46.6	21.6	1000.5	90.6	4574	4.6
	8400	79	79	61.1	21.4	1300	90.5	5444	4.2
	9100	87	87	78.6	21.2	1655.7	90.4	6389	3.9
	9800	95	95	99.7	20.9	2073	90.2	7409	3.6
	10168	100	100	112.9	20.8	2328.6	89.8	7977	3.4

18.5V

XM5060EA-10 (490KV)

Motor @ Optimum Efficiency 优化效率点

51.28  
A

Current  
电流

17.84  
V

Voltage  
电压

8088  
rpm

Revolutions  
转速

915.1  
W

electric Power  
电功率

832.8  
W

mech. Power  
机械功率

91  
%

Efficiency  
效率

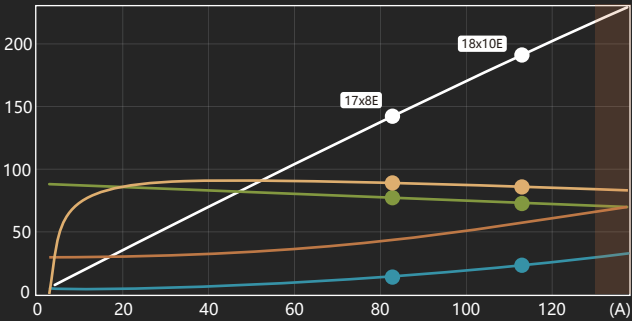
EL.POWER 电功率 [IN 10W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS  
转速 [IN 100RPM]

WASTE POWER  
损耗功率 [IN 10W]

MOTOR CASE TEMP.  
马达壳体温度 [°C]



Voltage 电压 (V)	Propeller 转速 (RPM)	Throttle 油门 (%)	Current 电流 (A)	Volage 电压 (V)	el. Power 电功率 (W)	Efficiency 效率 (%)	Thrust 拉力 (g)	Spec. Thrust 桨效率 (g/W)
18.5V (5S LIPO)	17x8E							
	4500	55	16.2	18.3	294.3	89.6	2142	7.3
	5000	61	22.1	18.3	401.6	90	2644	6.6
	5500	68	29.5	18.2	533.1	90.3	3199	6
	6000	75	38.5	18.1	691.4	90.4	3807	5.5
	6500	82	49.4	18	879.4	90.3	4468	5.1
	7000	90	62.2	17.8	1099.8	90.2	5182	4.7
	7500	97	77.4	17.7	1355.3	90	5949	4.4
	7654	100	82.9	17.6	1445.6	89.8	6196	4.3
	18x10E							
	3500	43	12.1	18.4	219.9	88.6	1922	8.7
	4000	50	18	18.3	326.4	89.1	2511	7.7
	4500	57	25.7	18.2	463.9	89.3	3178	6.8
	5000	64	35.5	18.1	636.9	89.2	3923	6.2
	5500	71	47.8	18	849.9	89	4747	5.6
	6000	79	62.9	17.8	1107.5	88.6	5649	5.1
	6500	87	81.3	17.6	1414.4	88.2	6630	4.7
	7000	96	103.5	17.4	1775.4	87.8	7689	4.3
7216	100	114.8	17.3	1955.2	87.5	8170	4.2	

22.2V

XM5060EA-10 (490KV)

Motor @ Optimum Efficiency 优化效率点

60.78  
A

Current  
电流

21.29  
V

Voltage  
电压

9656  
rpm

Revolutions  
转速

1294.4  
W

electric Power  
电功率

1179.4  
W

mech. Power  
机械功率

91.1  
%

Efficiency  
效率

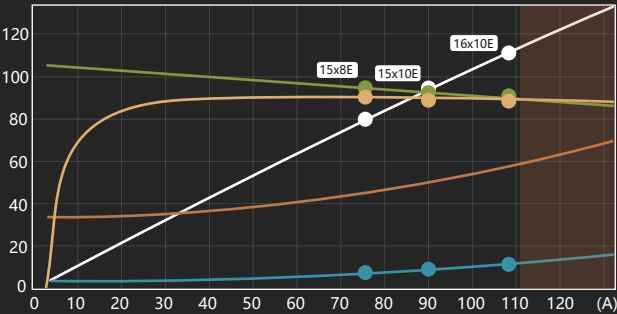
EL.POWER 电功率 [IN 20W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS  
转速 [IN 100RPM]

WASTE POWER  
损耗功率 [IN 20W]

MOTOR CASE TEMP.  
马达壳体温度 [°C]



Voltage 电压 (V)	Propeller 转速 (RPM)	Throttle 油门 (%)	Current 电流 (A)	Voltage 电压 (V)	el. Power 电功率 (W)	Efficiency 效率 (%)	Thrust 拉力 (g)	Spec. Thrust 桨效率 (g/W)
22.2V (6S LIPO)	4900	49	10.6	22.1	15x8E	232.5	1744	7.5
	5600	56	15.7	22	342.7	89.9	2278	6.6
	6300	63	22.2	21.9	484.3	90.5	2883	6
	7000	71	30.5	21.8	661.6	90.9	3560	5.4
	7700	79	40.8	21.7	878.8	91.1	4307	4.9
	8400	87	53.4	21.5	1140.3	91.1	5126	4.5
	9100	96	68.5	21.3	1450.5	91.1	6016	4.1
	9421	100	76.7	21.2	1615	90.9	6448	4
	4900	49	13.1	22	15x10E	287.9	2180	7.6
	5600	57	19.5	22	426.2	90.3	2848	6.7
	6300	64	27.9	21.8	604.2	90.7	3604	6
	7000	72	38.4	21.7	827.5	90.8	4450	5.4
	7700	81	51.6	21.6	1101.5	90.8	5384	4.9
	8400	89	67.7	21.3	1432	90.7	6408	4.5
	9100	98	87.3	21.1	1824.6	90.5	7520	4.1
	9209	100	91.1	21.1	1898.3	90.3	7702	4.1
	4200	42	10.8	22.1	16x10E	236	1944	8.2
	4800	49	16	22	349.1	89.9	2539	7.3
	5400	55	22.8	21.9	494.9	90.3	3214	6.5
	6000	62	31.4	21.8	677.9	90.4	3968	5.9
	6600	69	42	21.7	902.6	90.4	4801	5.3
	7200	77	55.1	21.5	1173.7	90.2	5713	4.9
	7800	84	71	21.3	1496	90	6705	4.5
	8400	92	90	21.1	1874.3	89.7	7777	4.1
	8928	100	110.2	20.8	2265.6	89.3	8784	3.9

22.2V

XM5060EA-12 (400KV)

Motor @ Optimum Efficiency 优化效率点

44.32  
A

Current  
电流

21.54  
V

Voltage  
电压

7991  
rpm

Revolutions  
转速

954.7  
W

electric Power  
电功率

873.4  
W

mech. Power  
机械功率

91.5  
%

Efficiency  
效率

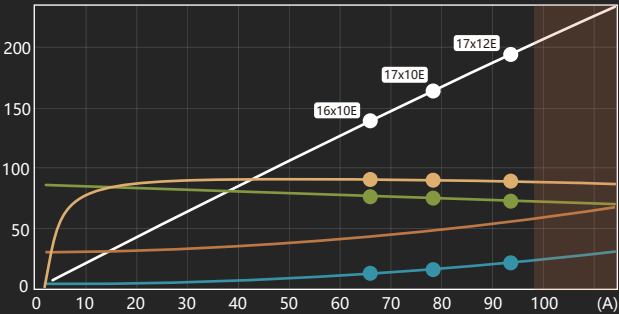
EL.POWER 电功率 [IN 10W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS  
转速 [IN 100RPM]

WASTE POWER  
损耗功率 [IN 10W]

MOTOR CASE TEMP.  
马达壳体温度 [°C]



Voltage 电压 (V)	Propeller 转速 (RPM)	Throttle 油门 (%)	Current 电流 (A)	Voltage 电压 (V)	el. Power 电功率 (W)	Efficiency 效率 (%)	Thrust 拉力 (g)	Spec. Thrust 桨效率 (g/W)
22.2V (6S LIPO)	16x10E							
	4000	49	9.3	22.1	203.7	89.1	1763	8.7
	4500	55	13.1	22	287.1	90	2232	7.8
	5000	62	17.9	22	391.5	90.6	2755	7
	5500	68	23.8	21.9	519.4	90.9	3334	6.4
	6000	75	31	21.8	673.2	91	3968	5.9
	6500	82	39.7	21.7	855.7	91.1	4656	5.4
	7000	90	49.9	21.6	1069.3	91	5400	5.1
	7500	97	61.9	21.4	1317	90.9	6199	4.7
	7676	100	66.8	21.4	1416	90.7	6494	4.6
	17x10E							
	4000	49	11.8	22.1	257.9	89.7	2115	8.2
	4500	56	16.7	22	365	90.3	2677	7.3
	5000	63	22.9	21.9	499.3	90.5	3305	6.6
	5500	70	30.6	21.8	664.1	90.6	3999	6
	6000	77	40.1	21.7	862.8	90.5	4759	5.5
	6500	84	51.4	21.6	1098.8	90.4	5585	5.1
	7000	92	64.9	21.4	1375.8	90.1	6478	4.7
	7484	100	80.5	21.2	1690.2	89.8	7404	4.4
	17x12E							
	4000	50	14.8	22	323.9	89.8	2511	7.8
	4500	57	21.1	21.9	460	90	3178	6.9
	5000	64	29.1	21.8	631	90	3923	6.2
	5500	71	39.1	21.7	841.4	89.9	4747	5.6
	6000	79	51.3	21.6	1095.5	89.6	5649	5.2
	6500	87	66	21.4	1398	89.3	6630	4.7
	7000	95	83.8	21.1	1753.5	88.9	7689	4.4
	7276	100	95.3	21	1979.7	88.5	8308	4.2

22.2V

XM5060EA-14SE (350KV)

Motor @ Optimum Efficiency 优化效率点

32.28  
A

Current  
电流

6980  
rpm

Revolutions  
转速

694.3  
W

electric Power  
电功率

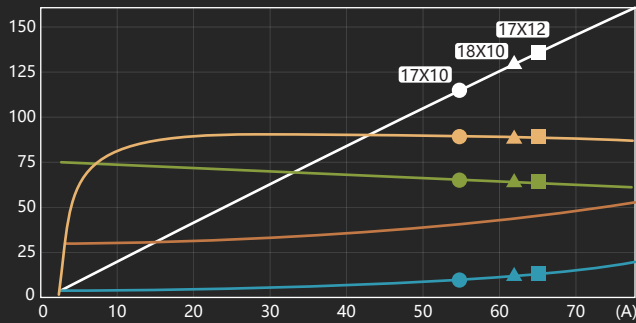
634.8  
W

mech. Power  
机械功率

91.4  
%

Efficiency  
效率

- EL.POWER 电功率 [IN 10W] ■
- EFFICIENCY 效率 [%] ■
- MAX. REVOLUTIONS 转速 [IN 100RPM] ■
- WASTE POWER 损耗功率 [IN 10W] ■
- MOTOR CASE TEMP. 马达壳体温度 [°C] ■



Voltage 电压 (V)	Propeller 螺旋桨 (RPM)	Throttle 油门 (%)	Current 电流 (A)	el. Power 输入功率 (W)	Efficiency 效率 (%)	Thrust 静拉力 (g)	Spec. Thrust 螺旋桨效率 (g/W)
22.2V (6S LIPO)	17x10						
	3500	49	7.9	174	89.1	1619	9.3
	4000	57	11.7	257.3	89.9	2115	8.2
	5000	72	23	499.1	90.5	3305	6.6
	5500	81	30.9	664.4	90.5	3999	6
	6000	89	40.5	863.7	90.4	4759	5.5
	6592	100	54.7	1151	90.1	5744	5
	17x12						
	3600	51	10.8	236.8	89.6	2034	8.6
	4000	57	14.8	323.6	89.9	2511	7.8
	4800	70	25.9	558.5	90	3615	6.5
	5200	77	33.2	711.2	89.8	4243	6
	6000	92	52.1	1098.2	89.4	5649	5.1
	6416	100	64.9	1350.7	89	6460	4.8
	18x10						
	3600	51	10.3	226.1	89.5	2056	9.1
	4000	57	14.1	308.8	89.9	2538	8.2
	4800	70	24.6	532.4	90.1	3655	6.9
	5200	77	31.5	677.6	90	4289	6.3
	6000	91	49.5	1045.6	89.6	5711	5.5
	6454	100	62.8	1308.6	89.2	6607	5

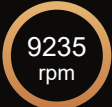
29.6V

XM5060EA-14SE (350KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



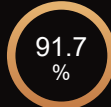
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

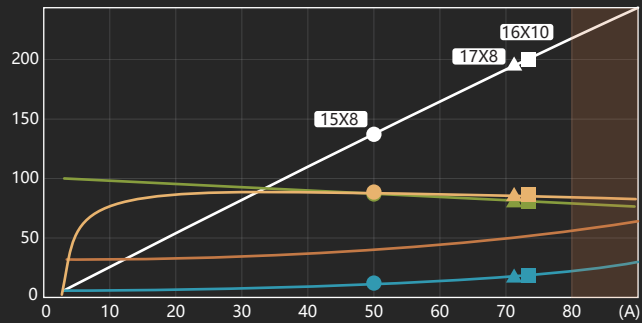
EL.POWER 电功率 [IN 10W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS  
转速 [IN 100RPM]

WASTE POWER  
损耗功率 [IN 10W]

MOTOR CASE TEMP.  
马达壳体温度 [°C]



Voltage 电压 (V)	Propeller 螺旋桨 (RPM)	Throttle 油门 (%)	Current 电流 (A)	el. Power 输入功率 (W)	Efficiency 效率 (%)	Thrust 静拉力 (g)	Spec. Thrust 螺旋桨效率 (g/W)
29.6V (8S LIPO)	15x8						
	4800	50	7.4	217.1	89.3	1674	7.7
	6000	63	14.3	416.4	91	2615	6.3
	6600	70	19	551.8	91.3	3165	5.7
	7200	77	24.7	714.6	91.6	3766	5.3
	8400	91	39.8	1133.1	91.7	5126	4.5
	9062	100	50.6	1426.7	91.5	5966	4.2
	16x10						
	4800	51	12.1	353.1	90.6	2437	6.9
	5400	58	17.2	500.9	90.9	3084	6.2
	6600	72	31.9	914.2	91	4607	5
	7200	80	41.9	1189	90.8	5482	4.6
	7800	88	54	1515.5	90.6	6434	4.2
	8599	100	74.4	2045.8	90	7820	3.8
	17x8						
	4800	51	11.9	346.3	90.6	2539	7.3
	5400	58	16.9	491.2	90.9	3214	6.5
	6600	72	31.3	896.2	91	4801	5.4
	7200	80	41	1165.3	90.9	5713	4.9
	7800	88	52.9	1485.2	90.7	6705	4.5
	8620	100	73.3	2019.1	90.1	8188	4.1