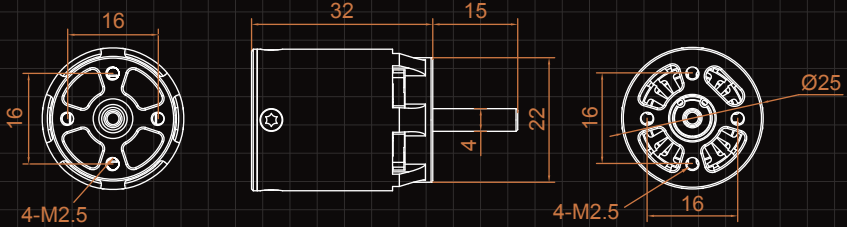


## Dimension 尺寸图

# Xmotor 2532EG

Small gliders special, e.g. eRES, F5K



## Specification 参数

NAME 型号	XM2532EG-9	XM2532EG-11	XM2532EG-16
SKU 商品编码	52170	52171	52172
RPM / V (KV) KV值	2700	2200	1550
Weight (g) 重量		47.8	
Diameter (mm) 直径	D: Front Face 22, body 25		
Length (mm) 长度	L: 32, 47 incl. shaft		
Diameter of Shaft(mm) 轴径	4.0 hollow		
Pitch of holes (mm) 安装孔距	16 / 16		
Input Connectors 输入插头	GC2.0 3 Pairs		
Slots & Poles 槽数, 极数	12N14P		
I <sub>o</sub> @10V(A)空载电流	2.5	1.9	1.1
Resistance(Ri)(mOhm) 电机内阻	30	43	93
No. of Cells(LiPo) 适用电池	2 <sup>1..3</sup>	2 <sup>1..3</sup>	2.3 <sup>1..4</sup>
Max. EfficiencyCurrent(A) 效率电流	21	18	13
Max. Burst Current (15S)[A] 峰值电流	42	36	26.5
Max. Power(15S)[W] 峰值功率	311	266	294
Torque (mNm) 扭矩	188	196	208
Recommended ESC 推荐调速器	XC-45-Lite 15° (Middle)	XC-33U-Lite 15° (Middle)	XC-33U-Lite 15° (Middle)
Propeller 螺旋桨	2S: 8x6, 9x5 <sup>2</sup> , GM9x5 <sup>2</sup> , GM9x6 <sup>2</sup> 3S: 6x3, 6x4, 6x5, 6x4 (3-blade) <sup>2</sup>	2S: 9x4, 9x5, 9x6 <sup>2</sup> , GM10x6 <sup>2</sup> 3S: 6x5, 7x4, 7x5 <sup>2</sup> , 6x4 (3-blade)	2S: 9x7, 10x6, 10x7, 10x8 3S: 8x5, 9x4, 9x5 <sup>2</sup> , GM10x5 <sup>2</sup> 4S: 7x5, 8x5 <sup>2</sup> , 6x4 (3-blade), 7x4 (3-blade) <sup>2</sup>
Applications 适用级别	ASFC P5B, F5K / eRES	F5K / eRES	F5K / eRES

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

# 7.4V

# XM2532EG-9 (2700KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



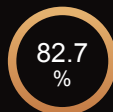
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

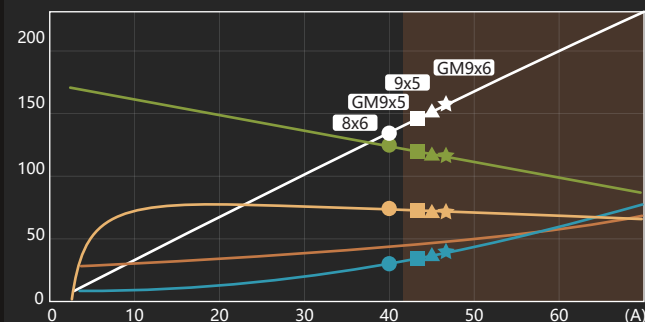
EL. POWER 电功率 [IN 2W] ■

EFFICIENCY 效率 [%] ■

MAX. REVOLUTIONS  
转速 [IN 100RPM] ■

WASTE POWER  
损耗功率 [IN 2W] ■

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)
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### 8x6

8100	54	9.1	66	75.8	440	6.7
9000	62	12.8	92	75.1	544	5.9
9900	70	17.4	123	74.3	653	5.3
10800	79	23.2	162	73.4	780	4.8
11700	89	30.6	211	72.3	928	4.4
12571	100	39.8	266	71	1066	4

### 9x5

7200	50	8.9	64	73.5	416	6.5
8000	57	12.4	89	72.6	509	5.7
9600	73	22.7	159	70.4	732	4.6
10400	83	29.9	206	69.3	867	4.2
11200	93	39.0	261	68.1	992	3.8
11632	100	45.3	299	67.1	1076	3.6

### GM9x5

8100	56	11.2	81	73.8	516	6.4
9000	64	15.8	112	72.8	638	5.7
9900	73	21.7	152	71.7	774	5.1
10800	83	29.2	201	70.5	927	4.6
11700	95	38.7	259	69.3	1090	4.2
12074	100	43.8	289	68.4	1157	4

### GM9x6

7200	51	9.7	70	72.6	495	7.1
8000	58	13.6	98	71.5	617	6.3
8800	67	18.7	133	70.4	744	5.6
9600	76	25.1	176	69.2	897	5.1
10400	85	33.2	226	67.9	1038	4.6
11385	100	46.7	308	66	1264	4.1

7.4V  
(2S LIPO)

# 11.1V

# XM2532EG-9 (2700KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



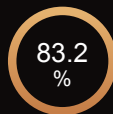
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

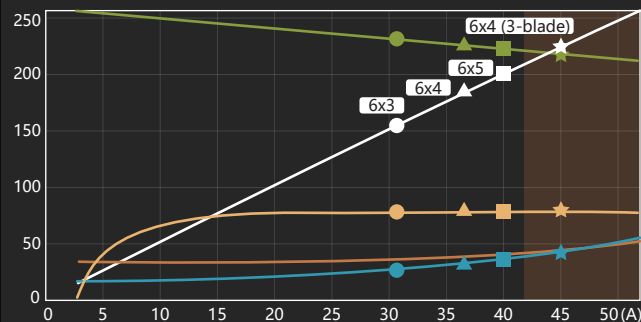
EL.POWER 电功率 [IN 2W] ■

EFFICIENCY 效率 [%] ■

MAX. REVOLUTIONS  
转速 [IN 100RPM] ■

WASTE POWER  
损耗功率 [IN 2W] ■

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)
<b>6x3</b>							
14400	54	6.2	67.9	80.8	362	5.3	
16200	62	8.8	95.2	82.1	458	4.8	
18000	69	12	129.4	82.9	565	4.4	
19800	77	16	171.2	83.4	684	4	
21600	86	20.9	221.7	83.6	813	3.7	
24357	100	31	321.2	82.9	1034	3.2	
<b>6x4</b>							
13600	52	6.9	75.2	82	430	5.7	
15300	59	9.8	106.1	82.8	544	5.1	
17000	67	13.5	144.8	83.2	672	4.6	
20400	84	23.8	250.1	83.2	967	3.9	
22100	93	30.8	318.8	83	1135	3.6	
23305	100	37.1	379.7	82.1	1263	3.3	
<b>6x5</b>							
13600	53	8.6	93.7	82.3	537	5.7	
15300	61	12.3	132.8	82.7	680	5.1	
17000	69	17.1	182.1	82.7	840	4.6	
18700	78	23.1	243	82.5	1016	4.2	
20400	87	30.6	316.9	82.1	1209	3.8	
22443	100	42.7	430.9	80.9	1464	3.4	
<b>6x4 (3-blade)</b>							
12800	50	8	86.8	82	486	5.6	
14400	58	11.4	123	82.3	615	5	
17600	74	21.3	225.2	82.1	918	4.1	
19200	82	28.2	293.7	81.7	1093	3.7	
20800	92	36.8	375.6	81.3	1283	3.4	
22029	100	45.4	455	80.2	1439	3.2	

11.1V  
(3S LIPO)

# 7.4V

# XM2532EG-11 (2200KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



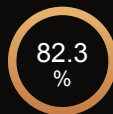
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

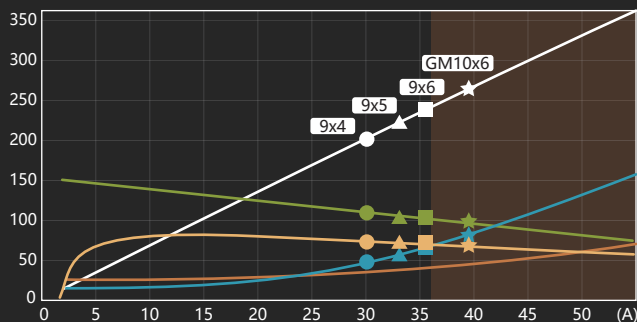
EL.POWER 电功率 [IN 1W] ■

EFFICIENCY 效率 [%] ■

MAX. REVOLUTIONS  
转速 [IN 100RPM] ■

WASTE POWER  
损耗功率 [IN 1W] ■

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)
7.4V (2S LIPO)	<b>9x4</b>						
	6400	49	5.3	39	76.5	295	7.6
	7200	57	7.6	55	76.6	370	6.7
	8800	73	14.1	102	75.6	549	5.4
	9600	82	18.8	134	74.9	654	4.9
	10400	91	24.5	171	74.1	771	4.5
	11046	100	30.3	209	73	879	4.2
	<b>9x5</b>						
	6300	51	6.4	47	75.1	350	7.5
	7000	58	8.9	65	74.6	436	6.7
	7700	66	12.2	87	73.8	534	6.1
	9100	82	21.0	149	72	744	5
	9800	91	26.9	188	71	867	4.6
	10395	100	33.3	230	69.8	965	4.2
	<b>9x6</b>						
	6300	53	7.9	58	73.3	422	7.3
	7000	61	11.2	80	72.4	522	6.5
	7700	69	15.2	110	71.3	646	5.9
	8400	78	20.3	144	70.2	762	5.3
	9100	87	26.6	186	69	892	4.8
9916	100	36.3	247	67.3	1061	4.3	
<b>GM10x6</b>							
6000	54	9.4	68	69.5	496	7.3	
6600	62	12.8	92	68.3	610	6.6	
7200	70	17.3	123	67	723	5.9	
7800	78	22.6	158	65.7	839	5.3	
8400	88	29.3	202	64.5	991	4.9	
9077	100	39.1	266	62.7	1170	4.4	

# 11.1V

# XM2532EG-11 (2200KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



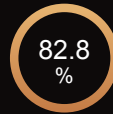
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

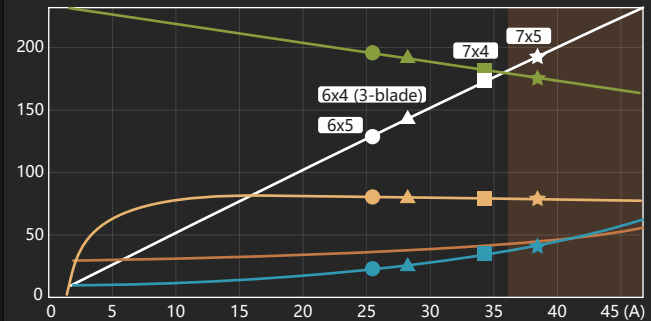
EL.POWER 电功率 [IN 2W] ■

EFFICIENCY 效率 [%] ■

MAX. REVOLUTIONS  
转速 [IN 100RPM] ■

WASTE POWER  
损耗功率 [IN 2W] ■

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)
<b>6x5</b>							
11200	52	52.9	4.8	52.9	81.4	365	6.9
12600	60	6.8	6.8	74.5	82.3	461	6.2
14000	67	9.4	9.4	101.6	82.8	570	5.6
16800	83	16.4	16.4	175.3	82.9	820	4.7
18200	92	21.1	21.1	223.3	82.8	963	4.3
19443	100	26.4	26.4	276.5	81.8	1099	4
<b>6x4 (3-blade)</b>							
11200	53	5.3	5.3	58.4	81.6	372	6.4
12600	60	7.6	7.6	82.4	82.4	471	5.7
14000	68	10.4	10.4	112.6	82.7	581	5.2
15400	76	13.9	13.9	149.8	82.7	703	4.7
18200	93	23.6	23.6	248.5	82.3	982	4
19151	100	28.2	28.2	294.3	81.3	1087	3.7
<b>7x4</b>							
11200	54	7.2	7.2	78.6	81.2	463	5.9
12600	62	10.3	10.3	111.5	81.5	586	5.3
14000	70	14.3	14.3	153	81.5	724	4.7
15400	79	19.3	19.3	204.4	81.2	876	4.3
16800	89	25.4	25.4	266.7	80.8	1042	3.9
18324	100	34.4	34.4	353.9	79.4	1240	3.5
<b>7x5</b>							
10400	52	7.3	7.3	79	80.9	499	6.3
11700	59	10.4	10.4	112.6	80.8	632	5.6
13000	67	14.5	14.5	155.2	80.4	780	5
14300	76	19.6	19.6	208	79.8	944	4.5
15600	85	26	26	272.3	79.2	1123	4.1
17471	100	38.6	38.6	393.8	77.4	1409	3.6

11.1V  
(3S LIPO)

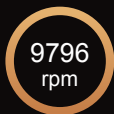
# 7.4V

# XM2532EG-16 (1550KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



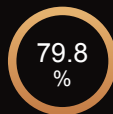
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

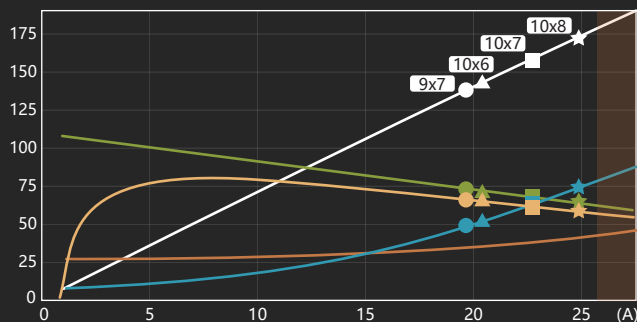
EL.POWER 电功率 [IN 1W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS  
转速 [IN 100RPM]

WASTE POWER  
损耗功率 [IN 1W]

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)

7.4V  
(2S LIPO)

Voltage (V)	Propeller (RPM)	Throttle (%)	Current (A)	el. Power (W)	Efficiency (%)	Thrust (g)	Spec. Thrust (g/W)
				<b>9x7</b>			
4500	52	3.7	27.3	72.5	278	10.2	
5000	59	5.2	37.6	72.3	343	9.1	
5500	66	6.9	50.3	71.8	415	8.3	
6500	82	11.8	84.8	70.4	580	6.8	
7000	90	15	107.2	69.5	673	6.3	
7532	100	19.3	136.9	68.1	779	5.7	
				<b>10x6</b>			
4500	55	5.1	37.1	69.6	327	8.8	
5000	63	7.1	51.6	68.7	404	7.8	
5500	72	9.7	69.8	67.6	488	7	
6000	81	12.9	92.2	66.5	581	6.3	
6500	90	16.8	119.5	65.2	682	5.7	
6962	100	21.4	150.8	63.8	782	5.2	
				<b>10x7</b>			
4000	50	4.2	30.9	68.5	301	9.7	
4500	58	6.1	44.7	67.5	381	8.5	
5000	66	8.6	62.4	66.3	471	7.5	
5500	75	11.8	84.7	65	570	6.7	
6000	85	15.8	112.4	63.6	678	6	
6673	100	22.9	160.7	61.5	839	5.2	
				<b>10x8</b>			
4000	51	4.9	36	67.2	344	9.6	
4500	59	7.2	52.1	66.1	436	8.4	
5000	68	10.1	73	64.8	538	7.4	
5500	78	13.9	99.3	63.4	651	6.6	
6000	88	18.6	131.9	62	775	5.9	
6504	100	24.9	173.8	60.2	911	5.2	

# 11.1V

# XM2532EG-16 (1550KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



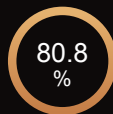
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

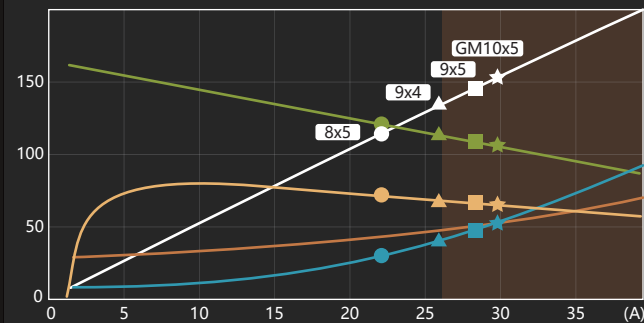
EL.POWER 电功率 [IN 2W] ■

EFFICIENCY 效率 [%] ■

MAX. REVOLUTIONS  
转速 [IN 100RPM] ■

WASTE POWER  
损耗功率 [IN 2W] ■

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)
11.1V (3S LIPO)	<b>8x5</b>						
	7200	52	4.3	46.6	77.5	357	7.7
	8100	60	6.1	66.6	77.3	452	6.8
	9000	68	8.5	91.9	76.8	558	6.1
	9900	76	11.4	123.4	76.1	675	5.5
	10800	86	15.1	162	75.3	803	5
	12109	100	22.3	236.2	73.3	1010	4.3
	<b>9x4</b>						
	7200	54	5.6	61	76	407	6.7
	8000	61	7.7	84.2	75.4	502	6
	8800	69	10.5	113.2	74.7	608	5.4
	9600	77	13.8	148.6	73.9	723	4.9
	10400	86	17.9	191.3	73	849	4.4
	11570	100	26.1	273.3	70.9	1050	3.8
<b>9x5</b>							
6400	49	5	54.8	74.2	402	7.3	
7200	57	7.3	79	73.3	508	6.4	
8800	74	13.8	148.7	71.1	760	5.1	
9600	83	18.4	196.4	69.9	904	4.6	
10400	93	24.2	254.2	68.7	1061	4.2	
10853	100	28.5	296.9	67.3	1155	3.9	
<b>GM10x5</b>							
6400	50	5.6	60.9	73.2	441	7.2	
7200	58	8.1	87.9	72.2	558	6.3	
8000	67	11.4	122.6	71	689	5.6	
8800	76	15.5	166.3	69.7	833	5	
9600	86	20.8	220.1	68.3	992	4.5	
10600	100	29.7	308.9	66	1209	3.9	

# 14.8V

# XM2532EG-16 (1550KV)

Motor @ Optimum Efficiency 优化效率点



Current  
电流



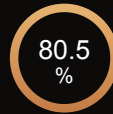
Revolutions  
转速



electric Power  
电功率



mech. Power  
机械功率



Efficiency  
效率

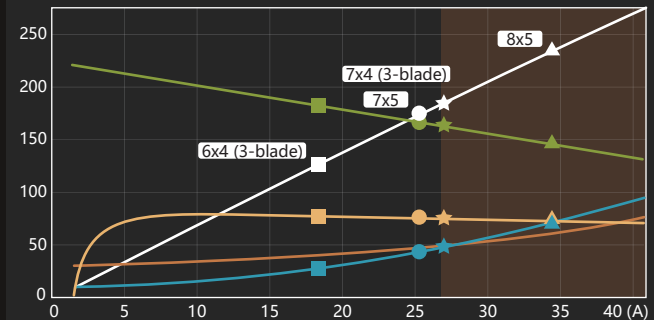
EL.POWER 电功率 [IN 2W]

EFFICIENCY 效率 [%]

MAX. REVOLUTIONS  
转速 [IN 100RPM]

WASTE POWER  
损耗功率 [IN 2W]

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)
<b>7x5</b>							
9600	50	4.3	62.8	80	425	6.8	
10800	58	6.1	89.4	80	538	6	
13200	73	11.4	165	79.2	804	4.9	
14400	81	15.1	215.9	78.5	957	4.4	
15600	90	19.5	276.9	77.8	1123	4.1	
16781	100	25.4	356	76	1299	3.7	
<b>8x5</b>							
8800	49	5.9	85.8	77	533	6.2	
9900	57	8.5	123.4	76.1	675	5.5	
12100	74	16.2	231.8	74	1009	4.4	
13200	83	21.7	305.6	72.9	1200	3.9	
14300	93	28.4	394.9	71.7	1409	3.6	
14948	100	33.9	466.4	70.1	1539	3.3	
<b>6x4 (3-blade)</b>							
11200	56	4	59	80.8	372	6.3	
12600	64	5.7	83.4	81.3	471	5.6	
14000	72	7.9	114.2	81.5	581	5.1	
15400	81	10.5	152.2	81.4	703	4.6	
16800	90	13.8	198.2	81.1	837	4.2	
18287	100	18.4	261.9	79.6	992	3.8	
<b>7x4 (3-blade)</b>							
9600	51	4.8	69.8	79.6	434	6.2	
10800	58	6.8	99.7	79.4	549	5.5	
12000	66	9.5	137.6	78.9	678	4.9	
14400	83	17	242	77.5	976	4	
15600	93	22	311	76.7	1146	3.7	
16452	100	26.9	376.1	75.1	1274	3.4	