



Zhejiang RCGF Model and Engine Co.,Ltd  
RCGF ignition system Model A-01 Ver 2.0 TECHNICAL DATA

PARAMETER	Type (single and twin)	MIN	TYPICAL	MAX	UNIT
Input voltage	all	4.0v	4.8v	6v	V
Current consumption	all	35mA(0rpm) 300mA(8000rpm)	45mA(0rpm) 430mA(8000rpm)	60mA(0rpm) 580mA(8000rpm)	
rpm range	all		900-9000		rpm
Output voltage	all	10	12-16	35	kV
Weight	single	105	110	125	g
	twin	155	160	175	g
Range of working temperature	all	-10	+25	+85	℃
Hall sensor Range of working temperature	all	-45	+25	+150	℃
Angle of controlling the pre-ignition	all	4	10(<2000rpm) 35(>4000rpm)	35	degrees
Size of Magnet	all	3	4	5	Φ (mm)
Guaranteed Hours of Operation	all		>2000 hours		+25℃ (5000 rpm)
Ignition Case	all	ABS+nickel-plate			

**Voltage Supply range by:**

**NiCd/NiMh 4 cell battery pack (4.8v >500mA)**

**NiCd/NiMh 5 cell battery pack (6.0v >800mA)**

**Li-Fe(A123)2 cell battery pack (6.6v>1000mA)**

**Li-Poly 2 cell battery pack and other battery or More (use Switching BEC voltage regulator out 5.0v~6.0v) or (7.4V Li-poly Serially connects two IN4007 diode to fall voltage the use)**

The data is just for your reference.RCGF reserves the right to make any change or to modify without notice in advance

[www.zjrcgf.com](http://www.zjrcgf.com)