

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			
Spark plug Type	1#	single	NGK:CM–6    Champion :Y82		
		twin			
	2#	single	We recommend using NGK:BPMR6F CMR6A,CMR7A Champion: RDJ7Y BOSCH: HSR8E, ... (5/8" hex)spark plugs. The "R" indicates that it is a resistor plug. A resistor plug is required in order to prevent radio interference.		
		twin			
	3#	single	NGK :BMR6A BMR7A BPMR6A BPMR7A . Bosch R 10 (3/4" hex)    Resistor Spark Plug not fit the Champion RCJ7Y or RCJ6Y.		
		twin			
	4#	single	NGK: ME-8    or    Rim Fire 1/4X32 American made (Soon will market)		
		twin			

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 bettery 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)

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