

New Box New design



ignition system Model A-02 Ver 1.0

TECHNICAL DATA

PARAMETER	Type (single and twin)	MIN	TYPICAL	MAX	UNIT
Input voltage	all	6.0	8.4	12.0	V
Current consumption	all	48mA(0rpm) 330mA(12000rpm)	7mA(0rpm) 480mA(12000rpm)	7mA(0rpm) 385mA(12000rpm)	mA/ RPM
rpm range	all		0-30000		rpm
Output voltage	all	10	12-16	25	kV
Weight	single	110	120	125	g
	twin	155	160	175	g
Range of working temperature	all	-10	+25	+85	°C
Hall sensor Range of working temperature	all	-45	+25	+150	°C
Angle of controlling the pre-ignition	all	4	10(<2000rpm) 28~30(>4000rpm))	28~30	degrees
Size of Magnet (Dutyfactor5%)	all	3	5	6	Φ (mm)

Guaranteed Hours of Operation	all	>2000 hours	+25°C (5000 rpm)
Ignition Case	all	ABS+nickel-plate	
Spark plug Type	single	NGK:CM-6 Champion :Y82 Rcexl cm6	
	twin		
	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		
	single	NGK :BMR6A BMR7A BPMR6A BPMR7A. Bosch R 10 (3/4" hex) Resistor Spark Plug not fit the Champion RCJ7Y or RCJ6Y.	
	twin		
	single	NGK: ME-8 or Rim Fire 1/4-32 American made Rcexl made 1/4-32 spark plug	
	twin		
voltage Supply range by: NiCd/NiMh 5 cell battery pack (6.0v >1000mA) Li-Fe (A123)2 cell battery pack (6.6v>1200mA) Li-PO/LI-ION 2 cell battery pack (7.4v>1500mA)			
<u>http://www.rcexl.com</u>		By Rcexl 2012-11-19	