

TWO ICONIC BRANDS...



ROUSHYATES



ONE FIERCE IGNITION!

FEATURES & BENEFITS:

- **FULLY ENCAPSULATED** - for maximum resistance to moisture, heat, dirt and vibration.
- **NO CHIPS REQUIRED** - built-in, easy to adjust rev limiting for ultra smooth control 1,000-9,900
- **LESS POWER DRAW** - than comparable boxes (6.0 Amp draw @ 8800 RPM).
- **EASY INSTALLATION** - includes 6 pin weather-pack connectors.
- **HEAT REGULATING** - construction for dependable sustained high RPM use.
- **COMPATIBILITY** - Mallory points, crank triggers or electronic distributors (Except Hall effect) for 12 volts 4, 6 and 8 cyl engines.



#6864RY

Roush Yates/Mallory #6864RY	Product Feature Comparison	MSD #6430 6ALN
Digital	Digital or Analog	Analog
Yes	Multiple Spark	Yes
Single Stage- No Chips Required	Rev Limiting	No- Requires Additional Components
Yes	Start Retard	No
Yes	Fully Encapsulated for Vibration/Moisture Resistance	Yes
Yes	Heat Regulating Construction for Sustained High RPM	No
500	Primary Output Voltage	460-480
45,000	Secondary Voltage Output	45,000
100 mJ	Spark Energy	105 mJ
.6 Amps	Current Draw Per 1,000 RPM	1.0 Amps
8-16	Operating Voltage Required	12-18
30460RY	Recommended Coil	8253
4 - 6 - 8	Number of Cylinders	4 - 6 - 8
Extruded Alum. Housing	Additional Features	Alum. Casting



ROUSHYATES



FEATURES & BENEFITS:

- **FULLY ENCAPSULATED** - for extreme heat and vibration resistance.
- **HEAT REGULATING** - construction for sustained high RPM with minimized dwell time.
- **EXTRUDED ALUMINUM ENCLOSURE** - anodized for a long lasting finish, corrosion resistance & heat dissipation.
- **HIGH OUTPUT E-CORE** - design performance coil.
- **EASY INSTALLATION** - includes plug-in connector harness



#30460RY

**Use with
matching
Racing
Ignition
#6864RY**

TECH DATA	
Primary Resistance	0.38 Ohms
Secondary Resistance	7.8K Ohms
Maximum Voltage	45,000 volts
Inductance	5.6 mH
Turns Ratio	90:1
Peak Current	270 mA
Spark Duration	240 uS



ROUSHYATES

www.roushyatesparts.com



www.malloryracing.com



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