

Maximize Power To Run Smoother.



MPI Brushless Alternators

- ▶ **MPI Ignition Systems** are optimized with power supplies utilizing MPI high-quality brushless alternators. Designed for long-lasting durability with no moving electrical components. Ideal for all industrial applications, certified for hazardous duty locations and field proven.



Shown with optional bracket



Certified for hazardous locations
Class 1, Division 2, Groups C, D, T6

Features:

- No brushes, no brush springs
- One moving part, no moving electrical parts
- One-piece bearing housing, 4.5" or 9.5" brackets available
- Permanent bearing alignment
- Oversize lubrication reservoir
- Glass Filled TFE Fluorocarbon Seal (Teflon)
- Air-cooled 7.3" diameter advanced design

Benefits:

- Strong, compact reliable power
- Exceptional bearing life
- Simple inspection and maintenance procedures
- 24-VDC, rated to 80 amp, 5,000 rpm
CSA approval rated to 60 amp, 3,600 rpm
- Bi-directional rotation

Sales • Service • Support

Murphy Power Ignition
P.O. Box 470248
Tulsa, OK 74147
Phone: 918.317.4100
FAX: 918.317.4266
www.murphy-pi.com



Brushless Alternators

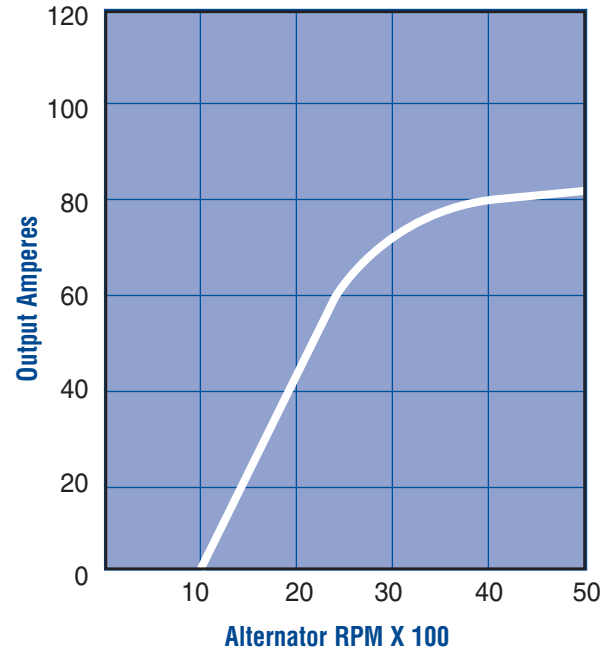
Maximize Power To Run Smoother.

Model 200700, 7.3 Diameter, Air-cooled, Belt or Direct Driven, 24 Volt

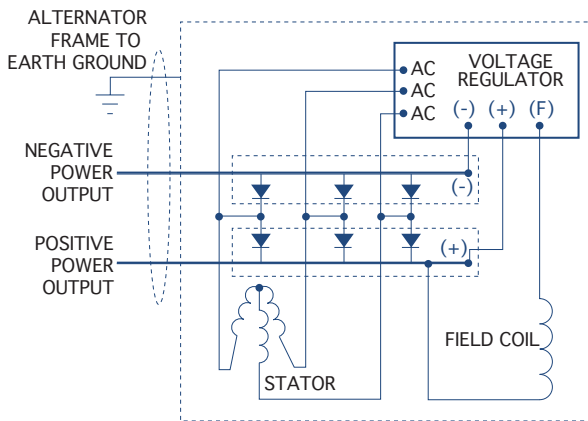
Specifications

Rated Amperes	80
RPM @ Rated Amperes	5000
Preset Volt Range	25.5-30
Full Load Voltage @ 28.0 Preset	27.5
Field Amperes	4.5 Typical
Rotation	Bi-Directional
Shaft Diameter (Pulley)	7/8 inch nominal
Voltage Regulator	Integral - Adjustable - Self Exciting
Wiring Connections	B+, B-, Ground
Rectifier Diode Construction	Individually Replaceable
Rectifier, Rated Capacity	225 Amperes

*CSA International Certification 60 Amperes @ 3600 RPM



Wiring Diagram

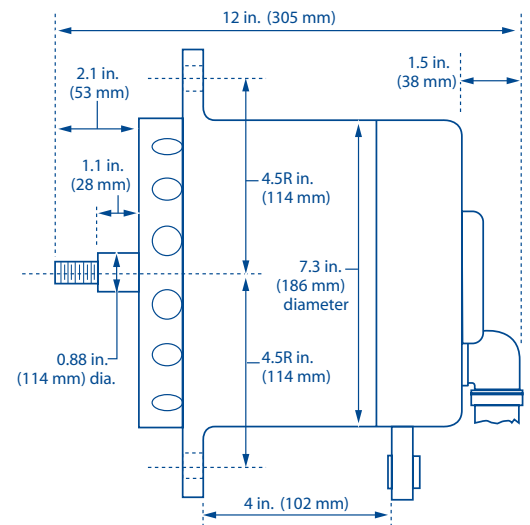


WIRE COLOR CODES

AC	WHITE
POS	RED
NEG	BLK
FLD	BLUE
CHASSIS GROUND	GREEN

For 7.3 inch diameter, single ended, 80 amp alternator to self-excited voltage regulator, all voltages. For use in Class I, Division 2, Hazardous Areas.

Dimensions



MPI-04106B Printed in USA

MPI Distributor and Service Representative:



www.murphy-pi.com

Specifications and performance data subject to change without notice. Certified specifications and performance data available upon request.