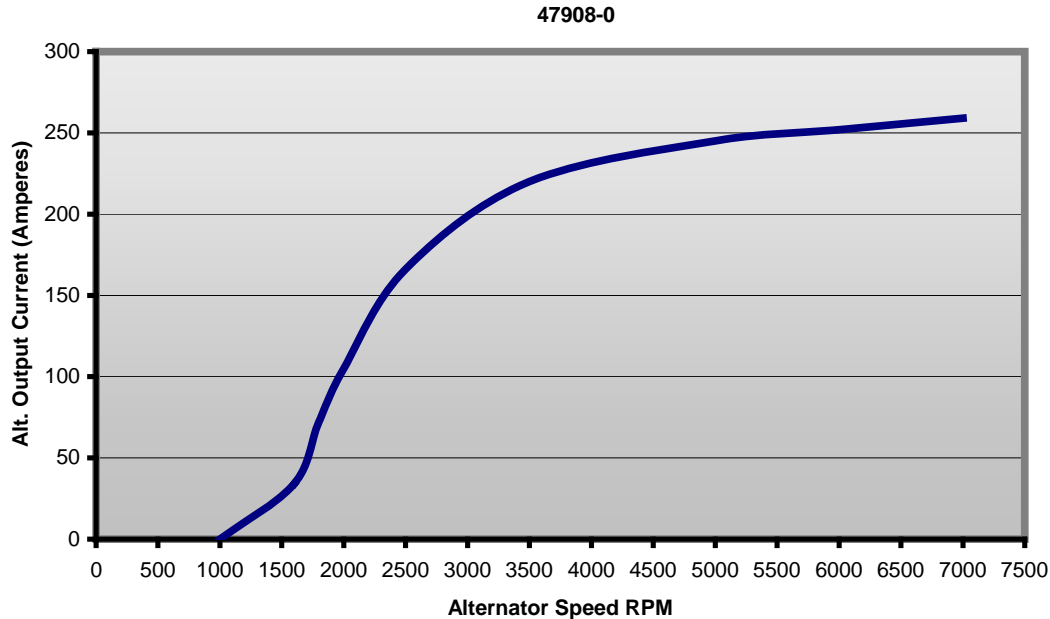


## APS Alternator Specifications - Part # 8100526



The AAI Nitro series alternator delivers 3550 VA of clean, regulated DC power. This alternator is designed to meet military standards and multiple units can be paralleled for additional power.

### ELECTRICAL SPECIFICATIONS

Rated Power:	3550 VA
Rated Voltage:	12 VDC nominal
Rotation:	CW
Output Current:	240 amps nominal
Charge voltage set point:	14.4 V
Turn on speed:	600 engine rpm
Output at engine idle:	170 amps
Plug Interface:	Direct OE compatible
Efficiency:	87% typical.

### MECHANICAL SPECIFICATIONS:

Diameter:	6.5".
Mount:	Original Equipment
Weight:	18 lbs.
Cooling:	Internal fans
Pulley Options:	52mm, 57mm, 62mm

### SPECIAL FEATURES:

- Custom windings
- High Performance heat sink
- Internal Regulator with "Fail Safe" interface
- Designed to meet MIL standards



Typical Application-GM 8.1l Gas TopKick

See Application Guide for Specific Models

### World Headquarters

426 W. Second St, Davenport, IA 52801  
Phone (563) 323-7994 Ext 100  
Fax (563) 323-8089

**American Power Systems, Inc.**

e-mail: [info@americanpowerinc.com](mailto:info@americanpowerinc.com)  
Web-site: [www.americanpowerinc.com](http://www.americanpowerinc.com)

AAI- VP-7500  
02/10