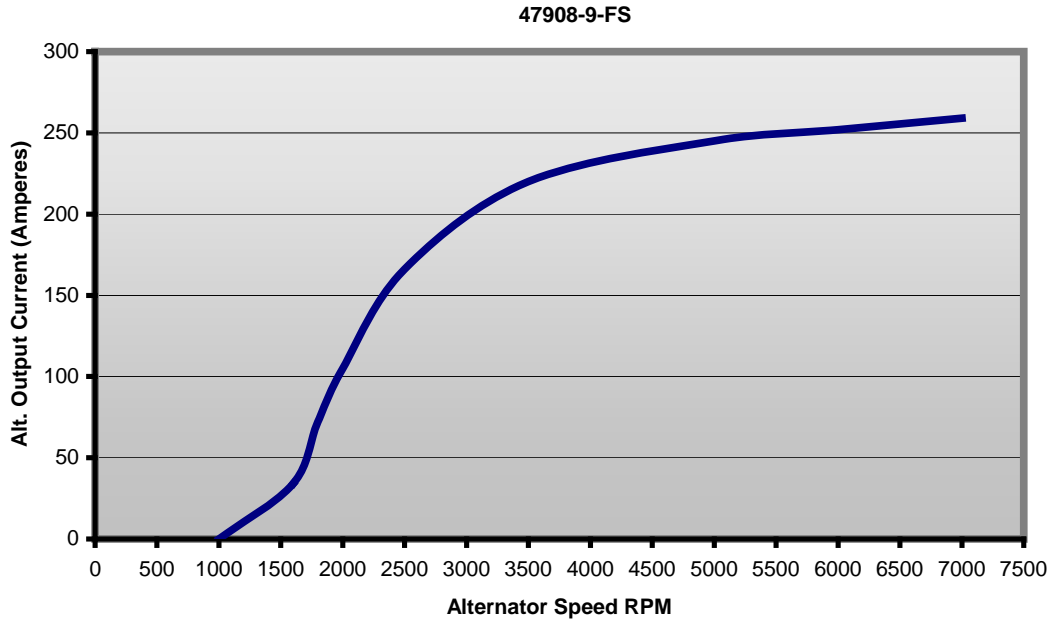


## APS Alternator Specifications - Part # 66GM648-FL



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: | 48mm               |

### SPECIAL FEATURES:

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



Typical Application-Suburban Police/Emergency  
See Application Guide for Specific Models