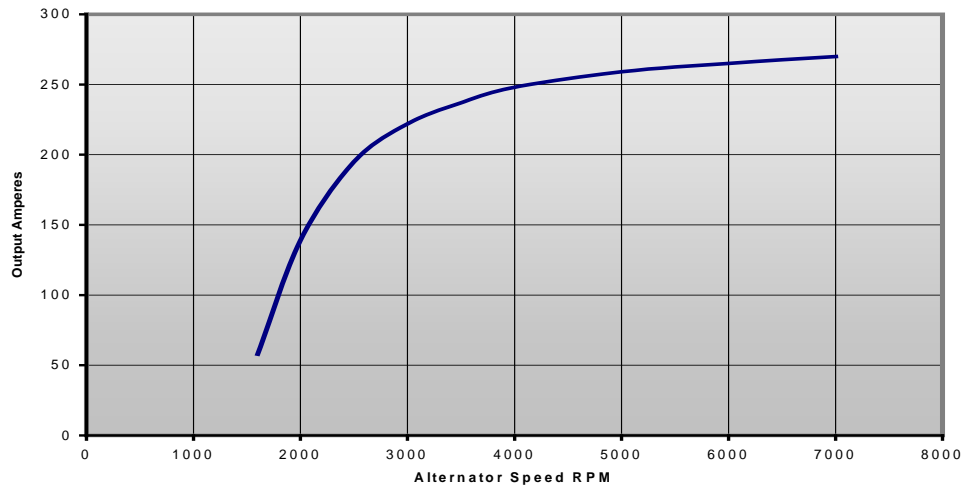


## APS Alternator Specifications – # APS Brute 55i-270ACT-12



The AAI Nitro series alternator delivers 3.8 kW of clean, regulated DC power in a ruggedly built chassis designed to meet the rigors of military use. This alternator is designed to meet military standards and multiple units can be paralleled for additional power.

### ELECTRICAL SPECIFICATIONS

|                           |                      |
|---------------------------|----------------------|
| Rated Power:              | 3.8 kW               |
| Rated Voltage:            | 12 VDC nominal       |
| Rotation:                 | CW                   |
| Output Current:           | 270a nominal         |
| Charge voltage setpoint:  | 14.2 V               |
| Recommended Pulley Ratio: | 3:1                  |
| Output at engine idle     | 195 amps             |
| Plug Interface:           | Direct OE compatible |
| Efficiency:               | 87% typical.         |

### MECHANICAL SPECIFICATIONS:

|           |                  |
|-----------|------------------|
| Diameter: | 7.5".            |
| Mount:    | Wide Pad or J180 |
| Weight:   | 22 lbs.          |
| Cooling:  | External fans    |

### SPECIAL FEATURES:

- For large Diesel powered straight rail chassis
- High Performance heat sink
- Internal Regulator with direct OE interface plug
- Designed to meet MIL standards



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