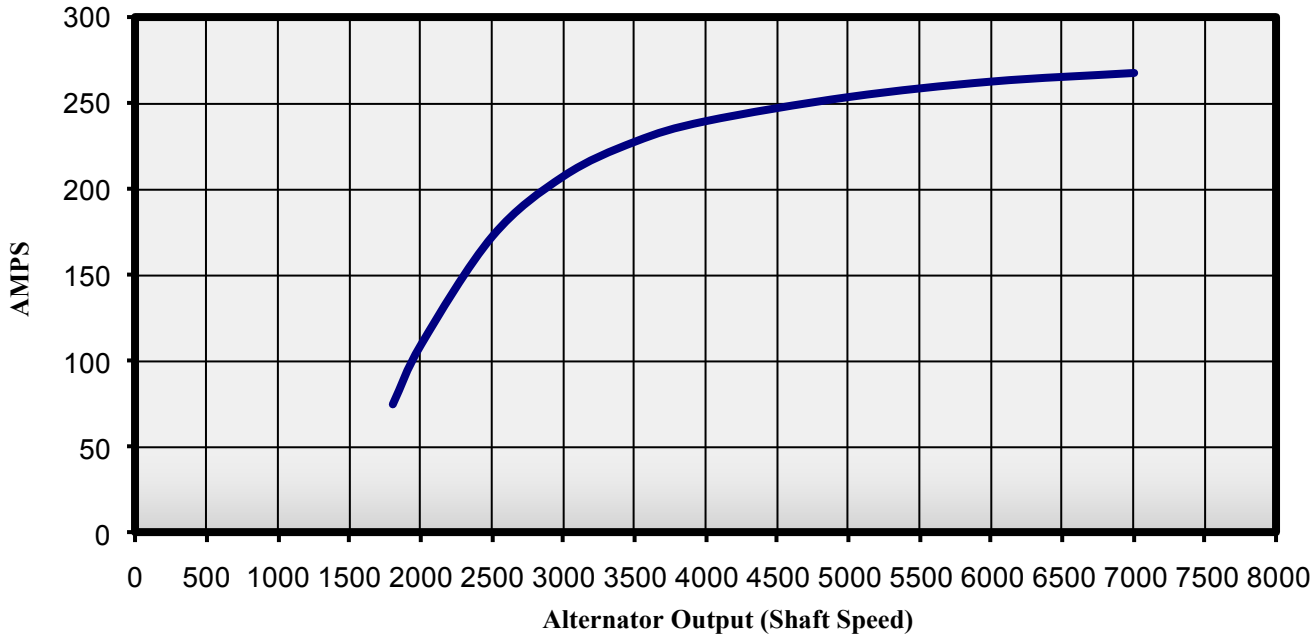


## APS Alternator Specifications - Part # 42i-270-12J



The APS Nitro series alternator delivers 3.6 kW 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:                  | 3.6 kW                  |
| Rated Voltage:                | 12 VDC nominal          |
| Rotation:                     | CW                      |
| <b>Output Current:</b>        | <b>260 amps nominal</b> |
| <b>Output at engine idle:</b> | <b>150 amps nominal</b> |
| Charge voltage set point:     | 14.4                    |
| Turn on speed:                | 1200 shaft speed        |
| Plug Interface:               | Direct OE compatible    |
| Efficiency:                   | 70% typical             |

### MECHANICAL SPECIFICATIONS:

|                 |                      |
|-----------------|----------------------|
| Diameter:       | 6.5"                 |
| Mount:          | J Mount              |
| Weight:         | 16 lbs.              |
| <b>Cooling:</b> | <b>Internal Fans</b> |

### SPECIAL FEATURES:

- Custom windings
- High Performance heat sink
- Internal Regulator interface
- Designed to meet MIL standards



**Typical Application—Security / Armored Vehicles  
Secondary Add On Power**