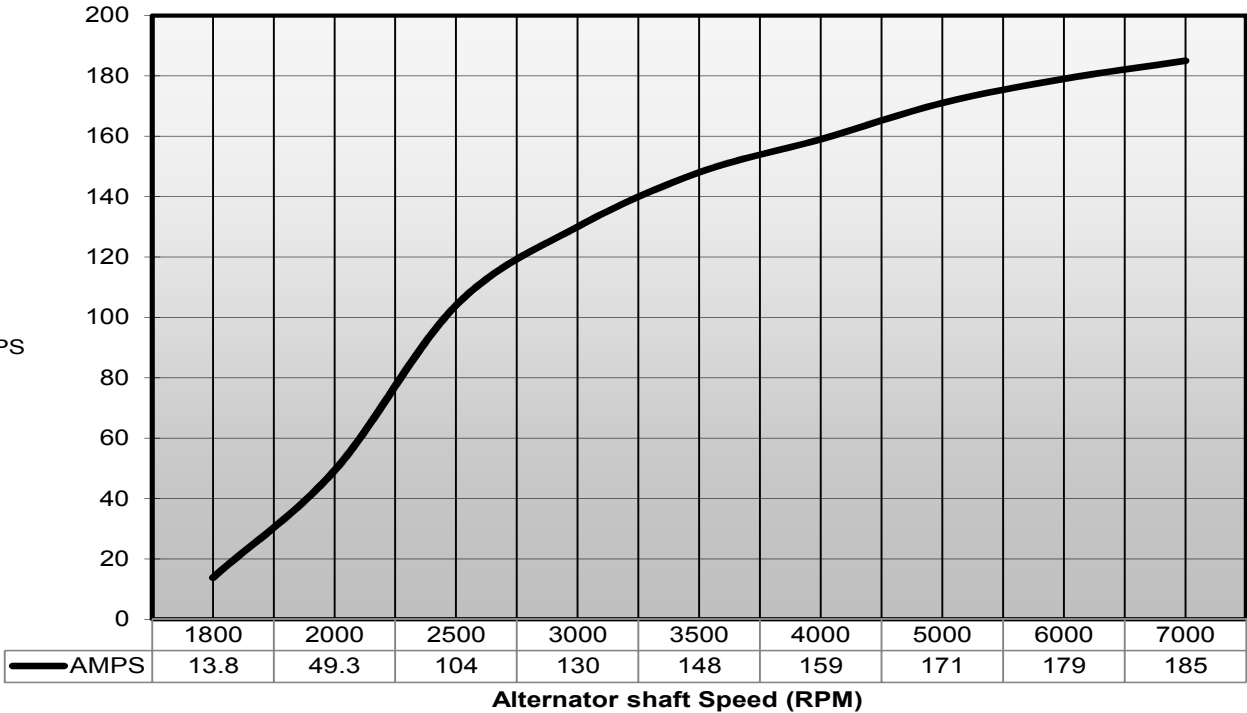


APS Alternator Specifications - Part # 185HPI-FTAN-28T



The APS Nitro series alternator delivers 5 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: | 5 kW |
| Rated Voltage: | 28VDC nominal |
| Rotation: | CW |
| Output Current: | 185 amps nominal |
| Output at engine idle: | Customer Dependent |
| Charge voltage set point: | 28.4 or custom |
| Turn on speed: | 1800 shaft speed |
| Plug Interface: | External Regulator |
| Efficiency: | 80% typical |
| External Regulator Part # | APS-RGXTF28 |

MECHANICAL SPECIFICATIONS:

| | |
|-----------------|---------|
| Diameter: | 6.5" |
| Mount: | Tangent |
| Standard Pulley | 51mm |
| Weight: | 18 lbs. |

Cooling: Internal Fans

SPECIAL FEATURES:

- Custom windings
- High Performance heat sink
- External Regulator interface



Typical Application—Armored Security Vehicle