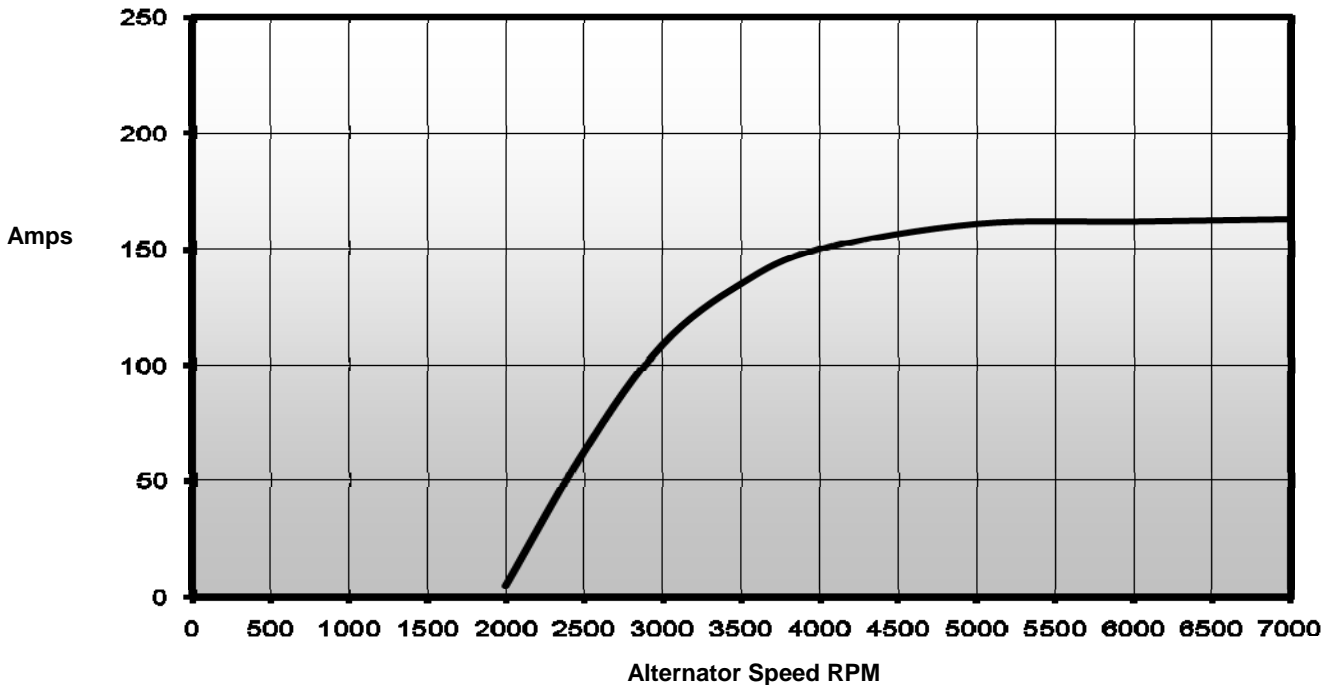


APS Alternator Specifications – Part# 42i-160-28

Alternator Output



The APS Nitro series alternator delivers 4.2 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:	4.2 kW
Rated Voltage:	28 VDC nominal
Rotation:	CW
Output Current:	160a nominal
Charge voltage set-point:	28.0 V
Recommended Pulley Ratio:	3.8:1
Output at engine idle:	80 amps
(De-rated for High Ambient temp)	
Plug Interface:	Direct OE compatible
Efficiency:	87% typical

MECHANICAL SPECIFICATIONS:

Diameter:	6.5"
Mount:	Pad or J180
Weight:	16 lbs.
Cooling:	Dual Internal

SPECIAL FEATURES:

- For Tactical Vehicle Applications
- High Performance heat sink
- Internal Regulator with direct OE interface plug



**For Armored Security Add-On Power
And Tactical Vehicles**