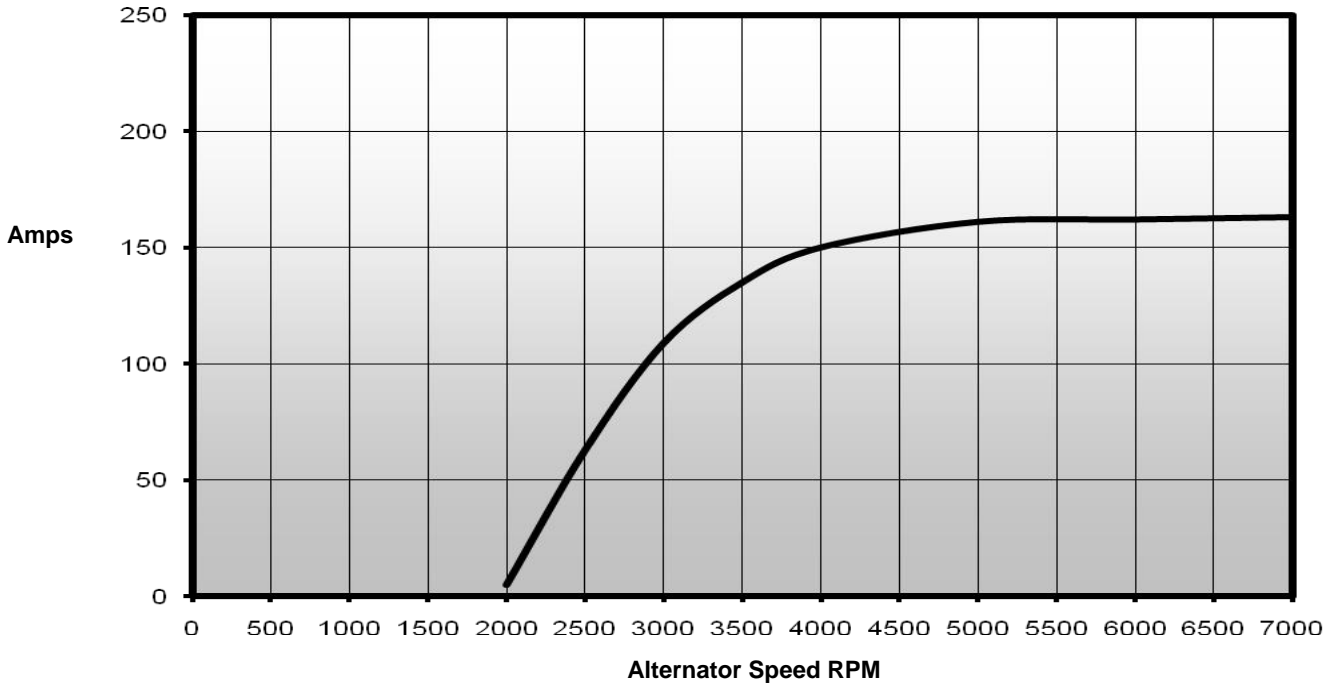


APS Alternator Specifications – Part# 42i-160-28

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 high duty cycles. 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:	Customer Dependent
(De-rated for High Ambient temp)	
Plug Interface:	Direct OE compatible
Efficiency:	70% typical

MECHANICAL SPECIFICATIONS:

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

SPECIAL FEATURES:

- Great Power to Weight Ratio
- High Performance heat sink
- Internal Regulator with direct OE interface plug



**For Alternative Energy and
Specialty Applications**