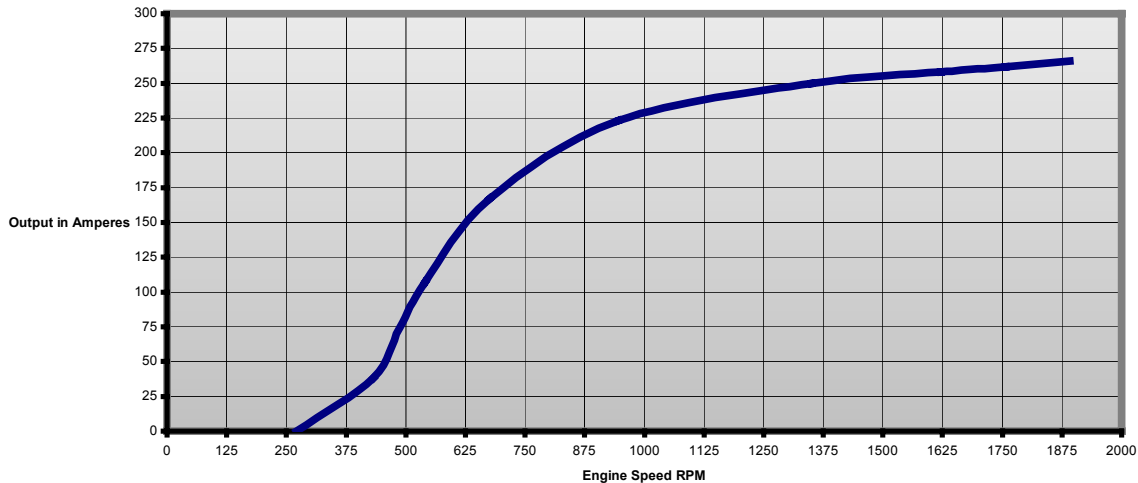


AAI Alternator Specifications - Part # E35-45-SS-648

Sahara Storm 648



The AAI Nitro series alternator delivers 4088 VA 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:	4088 VA
Rated Voltage:	12 VDC nominal
Rotation:	CW
Output Current:	280 amps nominal
Charge voltage set point:	14.4 V
Turn on speed:	400 engine rpm
Output at engine idle	170 amps
Plug Interface:	Direct OE compatible
Efficiency:	87% typical.
Pulley	6 groove

MECHANICAL SPECIFICATIONS:

Diameter:	6.5"
Mount:	Ford 3G/6G OE
Weight:	18 lbs.
Cooling:	Internal fans

SPECIAL FEATURES:

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



Typical Application - Ford E series Vans with large power draw aftermarket AC units.

See Application Guide for Specific Models

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AAI- DS-7500

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