

Eco-Tech[®] 28V, 165A Alternators



Models: P-28V/155-I

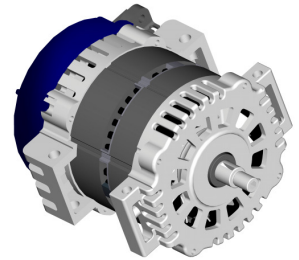
J-28V/155-I

IJ-28V/155-I, IJ-28V/155-IP-C

Rev2.2

Product Features and Benefits

- **Applications: Commercial Marine, Construction & Mining**
- **Patented Permanent Magnet Technology**
- **SAE J-180 and Pad Mounting Configurations**
- **Ignition Protected (Model IJ-28V/155-IP-C): Conforms to SAE J1171, ISO 8846 and USCG Title 33 CFR 183.410**
- **Isolated Ground (Models IJ-28V/155-I, IJ-28V/155-IP-C)**
- **Adjustable Voltage Set Point**
- **Remote Battery Voltage Sensing (optional)**
- **Self Exciting**
- **Soft Start (Standard)**
- **Load Dump Protection**
- **Internally Cooled Using (3) Highly Efficient Fans**
- **18 Month In-Service Warranty**
- **Exceptionally High Output at Idle**
- **Highly Efficient: 80% @ 1,800 rpm**
- **Extended Brush and Bearing Life**



Specifications

Ambient Operating Temperature Range	-40 to +93°C
Rated Current	165 Amperes at 6,000 rpm
Idle Current	127 Amperes at 1,800 rpm
Voltage Set Point	28.2 V ± 0.4 V
Efficiency @ 1,800 rpm	80%
Rotation Direction	CW
Maximum Continuous Speed	8,000 rpm
Maximum Intermittent Speed	10,000 rpm
Excitation Type	Self
Ground	Negative
Weight	38 lbs.

Ecoair Corp.

Four Industrial Circle, Hamden, CT 06517

Phone (866) 230-3100, Fax (203) 230-3200 www.ecoair.com, E-mail: info@ecoair.com

“Technology Tuned to Nature”™

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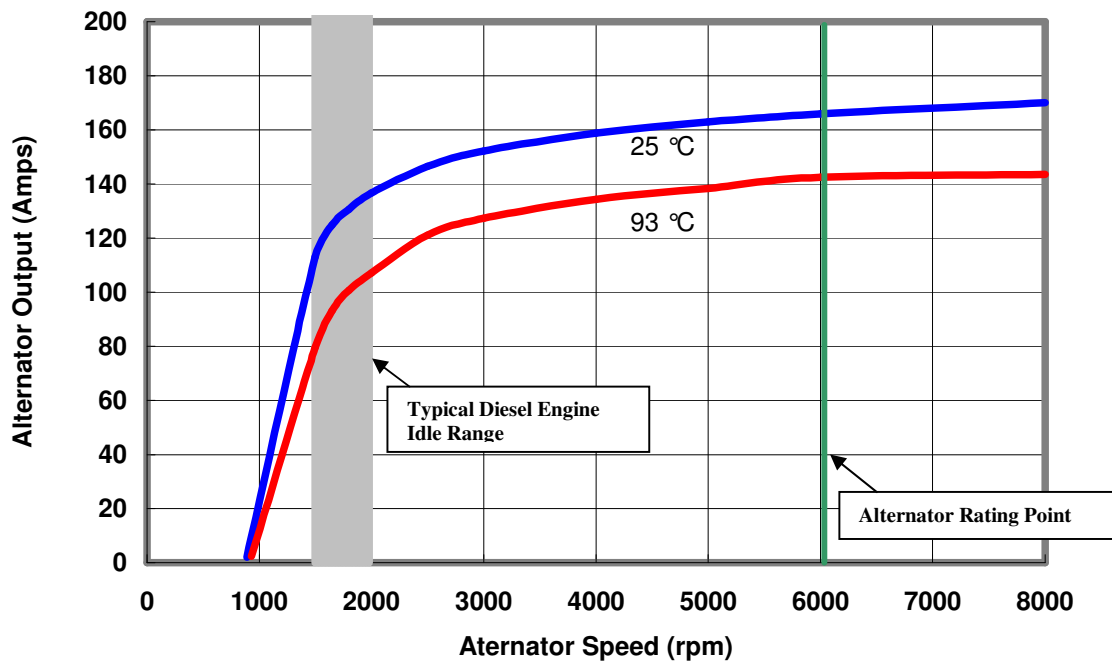
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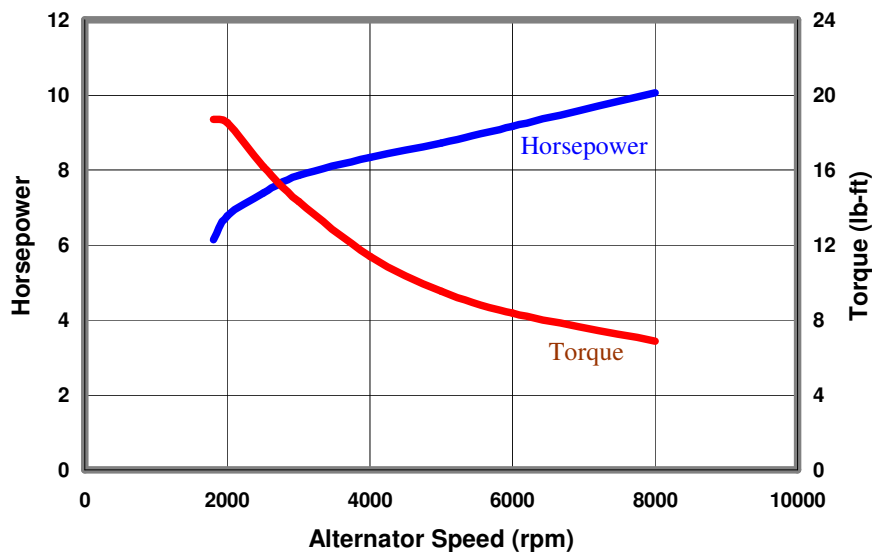
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Output Performance

Stabilized Performance @ 28V, Per SAE J56 Test Specification



Input Horsepower & Torque at Full Output



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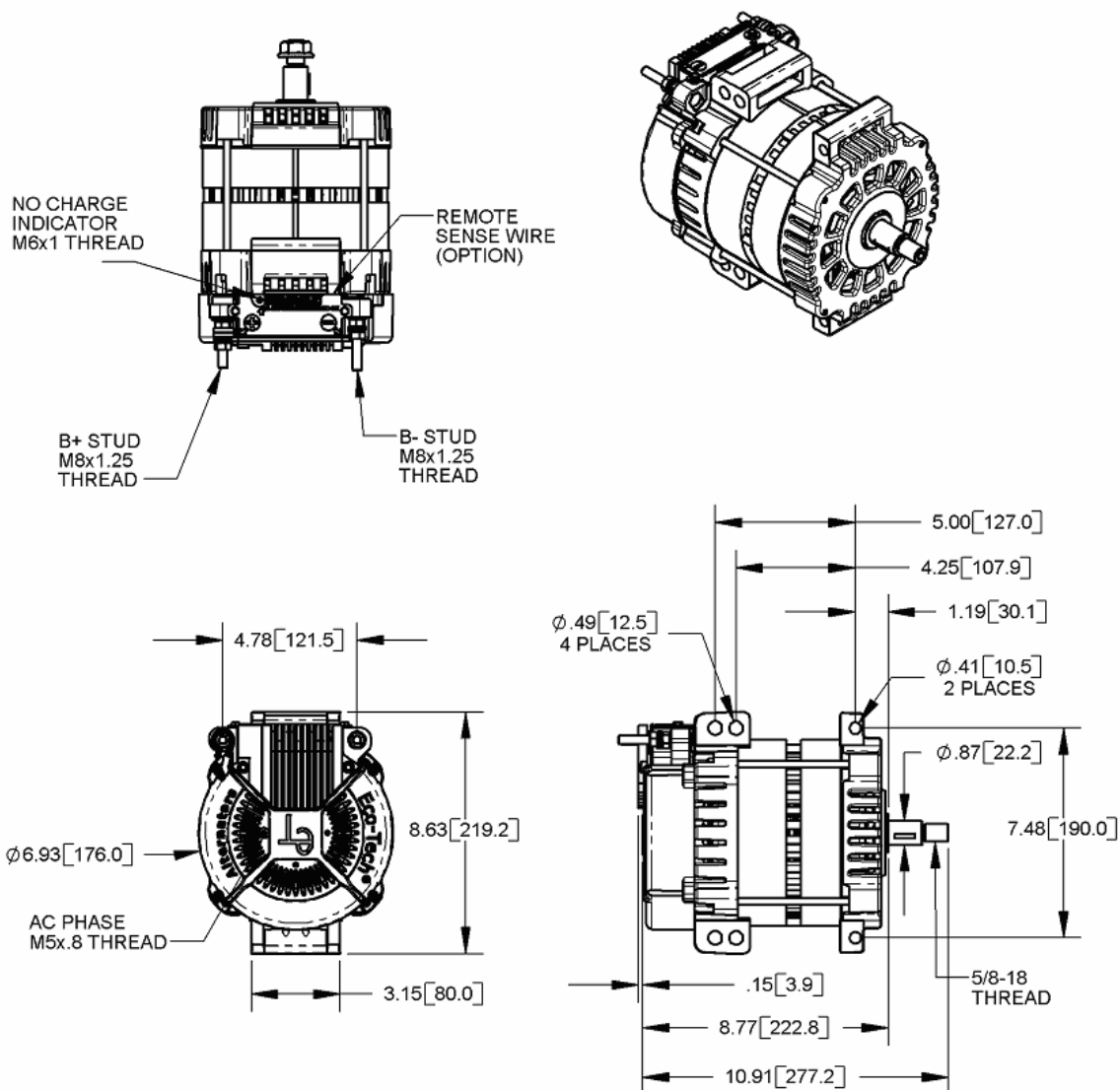
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Overall Dimensions

Model: P-28V/155-I



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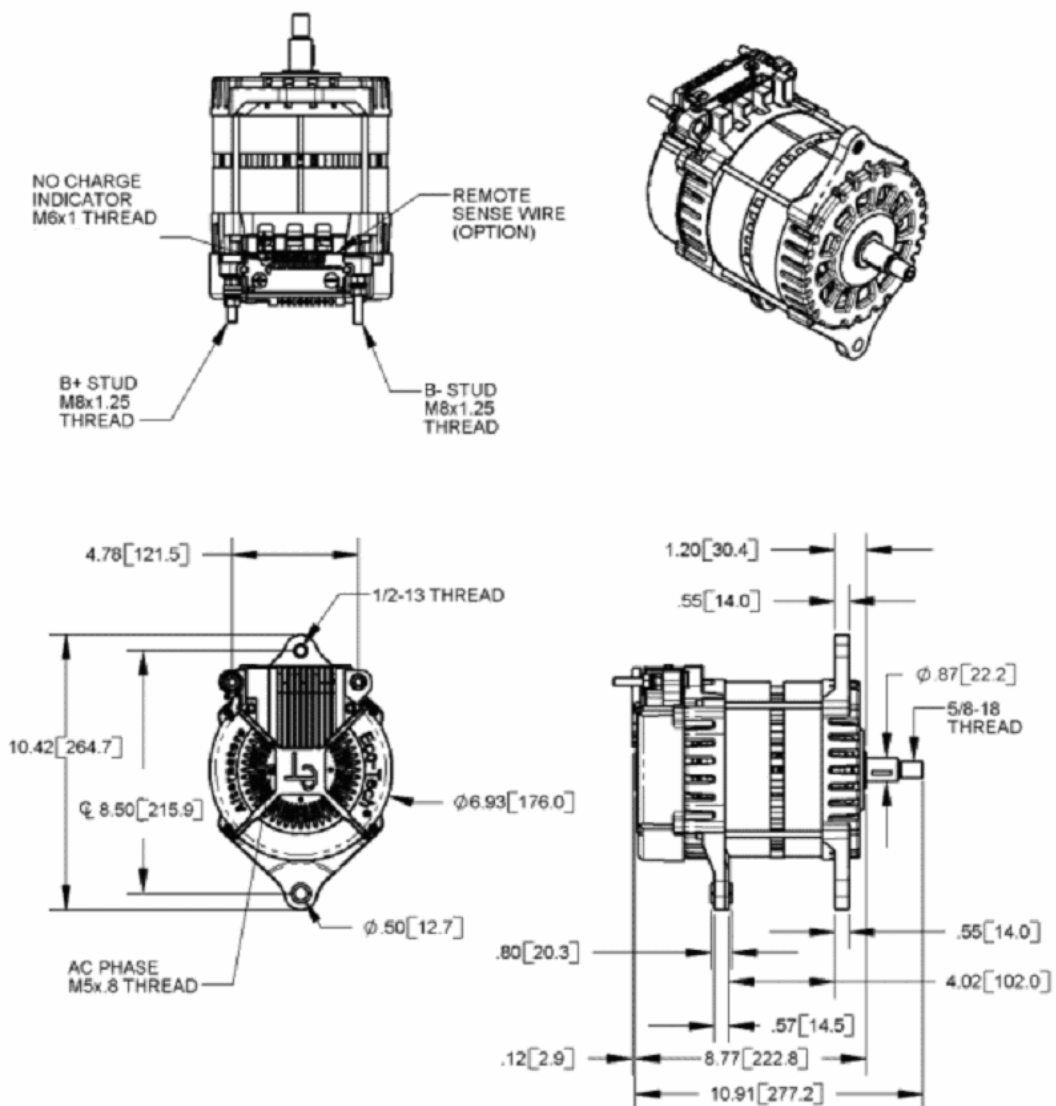
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