

Eco-Tech[®] 28V, 200A Alternators

Models: P-28V/200-I

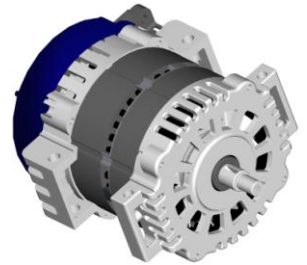
J-28V/200-I

IJ-28V/200-I, IJ-28V/200-IP

Rev1.0

Product Features and Benefits

- High Output Current
- Patented Permanent Magnet Technology
- SAE J-180 and Pad Mounting Configurations
- Ignition Protected (Model IJ-28V/200-IP-C): Conforms to SAE J1171, ISO 8846 and USCG Title 33 CFR 183.410
- Isolated Ground (Models IJ-28V/200-I, IJ-28V/200-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
- High Efficiency: 80% @ 1,800 rpm
- Extended Brush and Bearing Life



Specifications

Ambient Operating Temperature Range	-40 to +93°C
Rated Current	200 Amperes at 6,000 rpm
Idle Current	145 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

Ecoair Corp.

21 Overlook Drive, Hamden, CT 06514-1140

Phone (203) 230-3000, Fax (203) 230-3200 www.ecoair.com, E-mail: info@ecoair.com

Eco-Tech[®] 28V, 200A Alternators

Models: P-28V/200-I

J-28V/200-I

IJ-28V/200-I, IJ-28V/200-IP

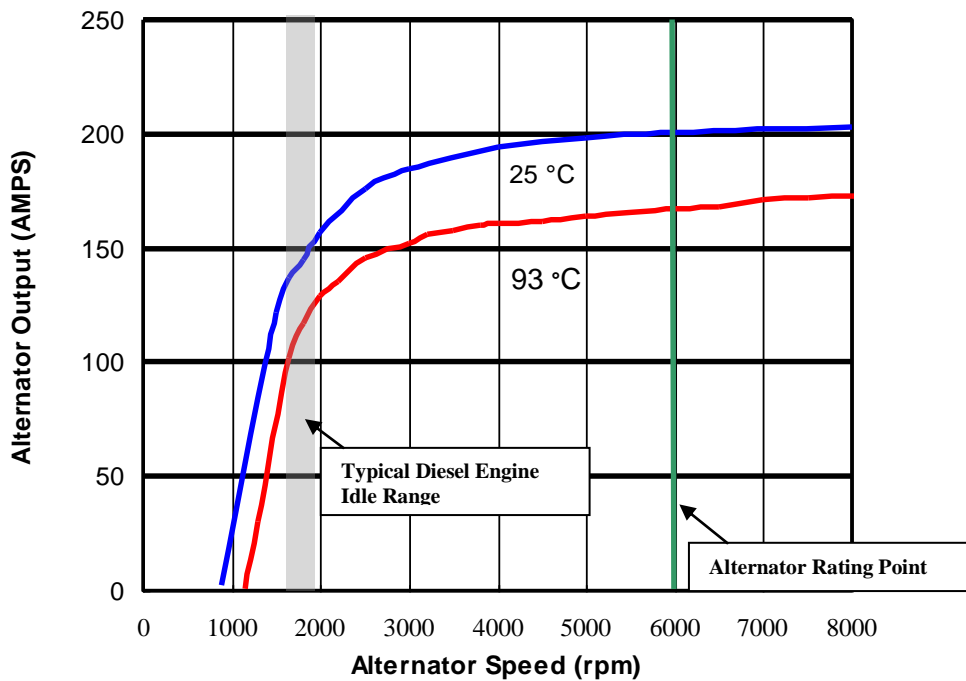
Rev1.0

Weight

40 lbs.

Output Performance

Stabilized Performance @ 28V, Per SAE J56 Test Specification



Ecoair Corp.

21 Overlook Drive, Hamden, CT 06514-1140

Phone (203) 230-3000, Fax (203) 230-3200 www.ecoair.com, E-mail: info@ecoair.com

"Technology Tuned to Nature"™

Eco-Tech[®] 28V, 200A Alternators

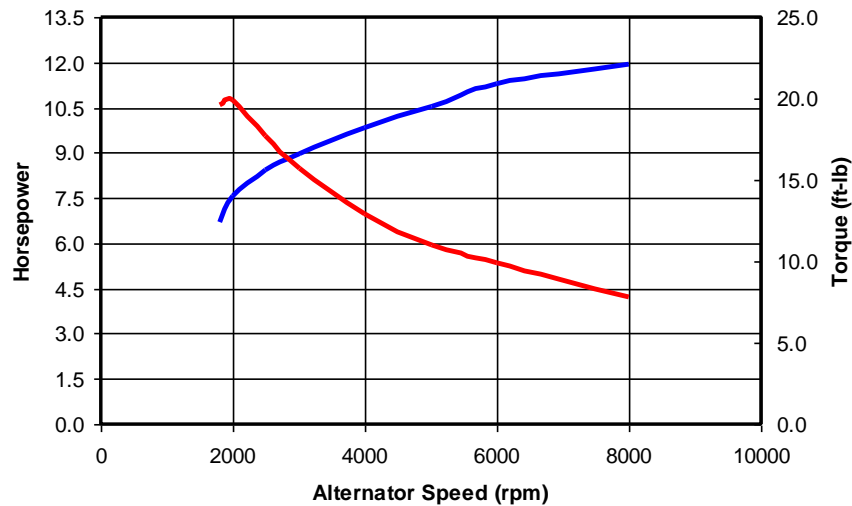
Models: P-28V/200-I

J-28V/200-I

IJ-28V/200-I, IJ-28V/200-IP

Rev1.0

Input Horsepower & Torque at Full Output



Overall Dimensions

Model: P-28V/200-I

Ecoair Corp.

21 Overlook Drive, Hamden, CT 06514-1140

Phone (203) 230-3000, Fax (203) 230-3200 www.ecoair.com, E-mail: info@ecoair.com

"Technology Tuned to Nature"™

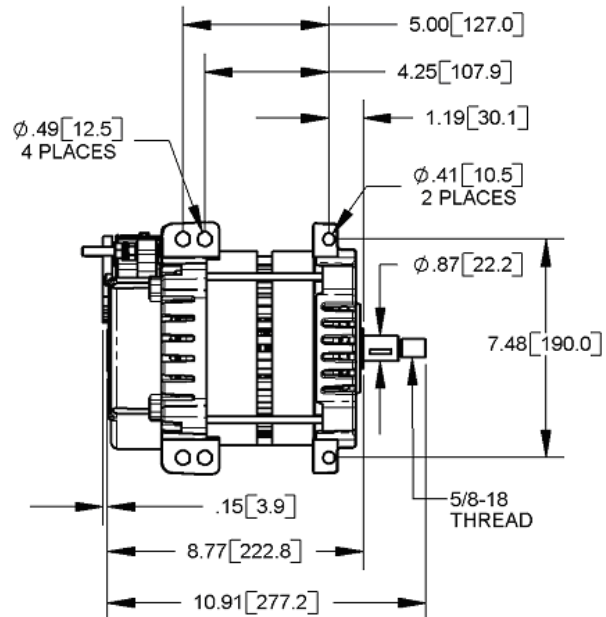
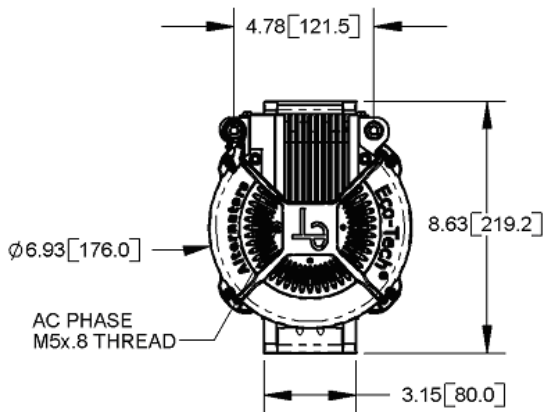
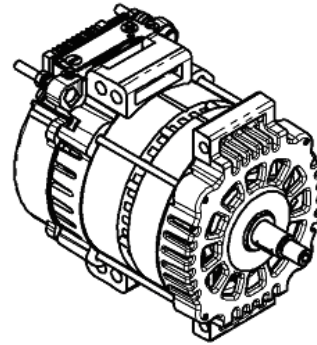
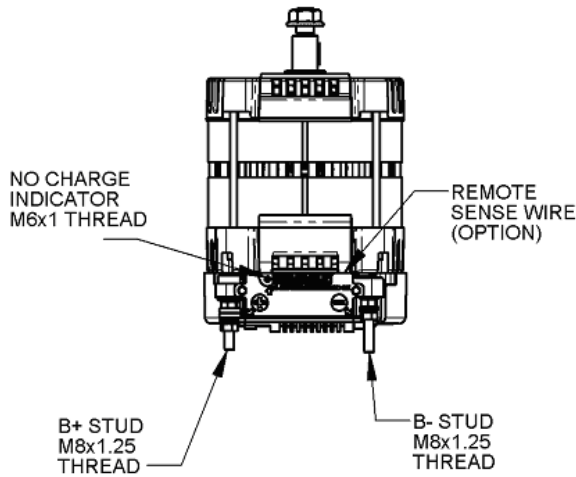
Eco-Tech[®] 28V, 200A Alternators

Models: P-28V/200-I

J-28V/200-I

IJ-28V/200-I, IJ-28V/200-IP

Rev1.0



Ecoair Corp.

21 Overlook Drive, Hamden, CT 06514-1140

Phone (203) 230-3000, Fax (203) 230-3200 www.ecoair.com, E-mail: info@ecoair.com

“Technology Tuned to Nature”™

R1.0-01252010

Eco-Tech® 28V, 200A Alternators

Models: P-28V/200-I

J-28V/200-I

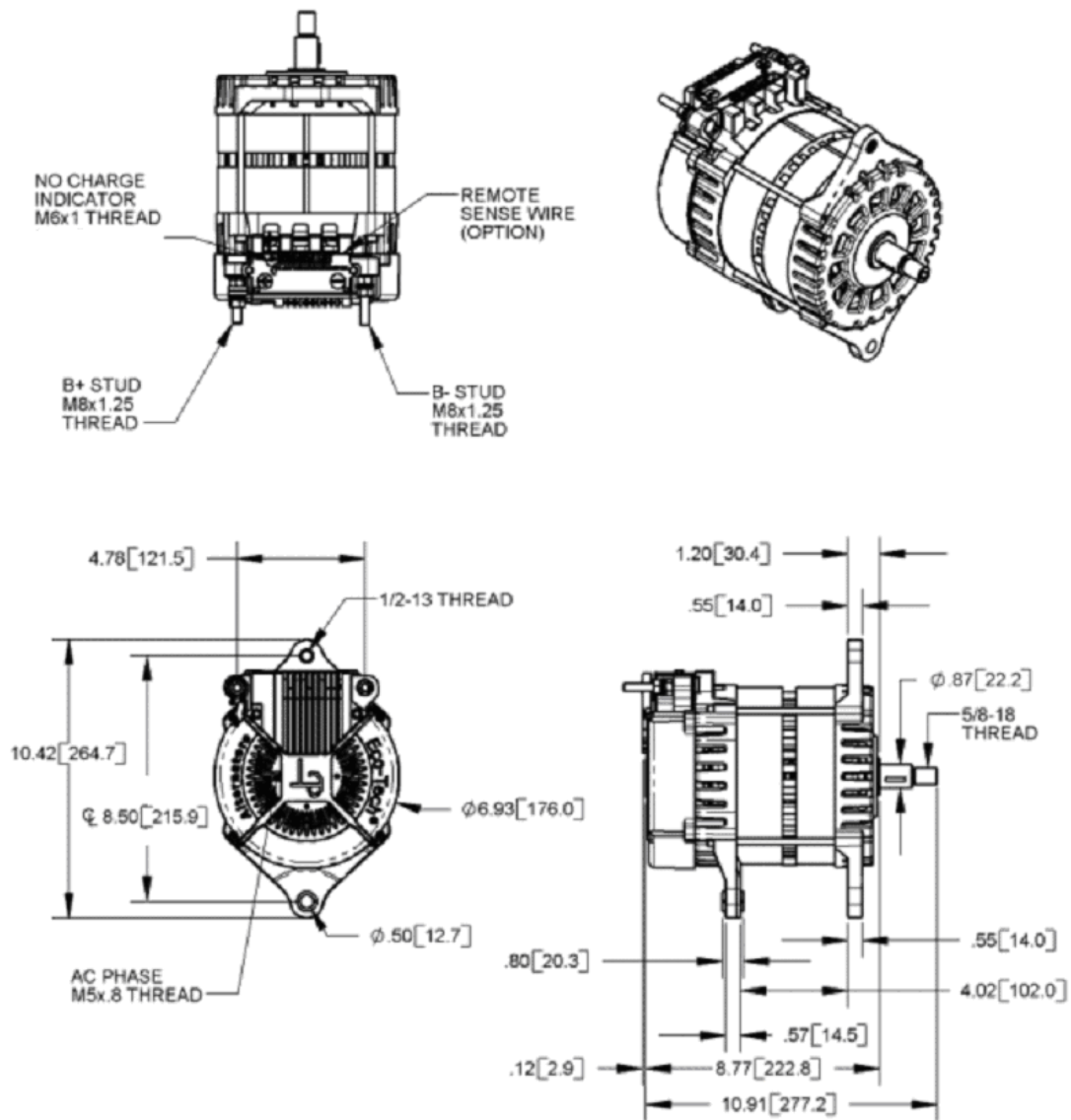
IJ-28V/200-I, IJ-28V/200-IP

Rev1.0

Overall Dimensions

Models: J-28V/200-I

IJ-28V/200-I, IJ-28V/200-IP-C



Ecoair Corp.

21 Overlook Drive, Hamden, CT 06514-1140

Phone (203) 230-3000, Fax (203) 230-3200 www.ecoair.com, E-mail: info@ecoair.com

“Technology Tuned to Nature”™

R1.0-01252010