BLD/BLP
Brushless Alternator
12 Volt-140, 160, 185, 200 Amps
24 Volt-140 Amps

BLP
Pad Mount

BLD
J180 Mount
HIGH TEMPERATURE FEATURES

- High Temperature Rated 125°C (257°F)
- Most Competitively Priced Units in Heavy Duty
- Brushless Design
- Solid Rectifier Lead Frame
- Welded Diode Connections
- Available in Pad or J180 Mount
- Remote Sense Available
- Vibration Resistant

High temp wire used in stator windings
Rear needle bearing uses high temp grease
Solid lead frame creates a single, solid connection to all of the diodes
Front roller bearing uses high temp grease and fluorocarbon seals
High temp diodes with welded connections
The state of the art design ensures stability under extreme vibration. The fan design moves more air with less noise, which contributes to the best-in-class temperature rating 125°C (257°F).

These models provide the highest output power rating in their class, with superb low-end performance. They generate up to 123 amps where it is really needed, at engine idle, ensuring the electrical system is fully charged.
**More Power Where You Need It!**

### BLD/BLP Brushless Specifications

<table>
<thead>
<tr>
<th>Performance</th>
<th>12 Volts, 140-200Amps</th>
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<tbody>
<tr>
<td></td>
<td>105 Amps At Idle</td>
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<tr>
<td></td>
<td>24Volts, 140Amps</td>
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<tr>
<td>Temperature limits</td>
<td>-40° C to 125° C</td>
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<tr>
<td>Maximum speed</td>
<td>8,000 RPM Continuous</td>
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<tr>
<td></td>
<td>12,000 RPM Intermittent</td>
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<tr>
<td>Efficiency</td>
<td>73%</td>
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<tr>
<td>Weight</td>
<td>30 lbs (13.6 kg)</td>
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Prestolite Application Engineering written approvals required for warranty coverage.