**School Bus Tech Specs**

**SPECS**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>System Voltage</td>
<td>12V</td>
</tr>
<tr>
<td>Temperature Rating</td>
<td>-40°C to 125°C</td>
</tr>
<tr>
<td>Mounting</td>
<td>J180 Hinge Mount, Pad Mount</td>
</tr>
<tr>
<td>Rotation</td>
<td>Clockwise</td>
</tr>
<tr>
<td>Warranty</td>
<td>School Bus Applications, 3-Year/Unlimited-Miles*</td>
</tr>
</tbody>
</table>

**Bus Alternator Application Chart**

<table>
<thead>
<tr>
<th>MINIMUM AMP</th>
<th>SCHOOL BUS APPLICATION</th>
<th>PART #</th>
<th>TYPE OF MOUNTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>210</td>
<td>Min loads for 2002 and earlier</td>
<td>A160207, A160208</td>
<td>Pad Mount J-180 Mount</td>
</tr>
<tr>
<td>240</td>
<td>Min loads for 2007 and later</td>
<td>A160203, A160204</td>
<td>Pad Mount J-180 Mount</td>
</tr>
<tr>
<td>280</td>
<td>1 A/C load for 2002 and earlier</td>
<td>BLP4009</td>
<td>Pad Mount</td>
</tr>
<tr>
<td>325</td>
<td>2 A/C loads for 2007 and later and other combinations</td>
<td>BLP4002H</td>
<td>Pad Mount</td>
</tr>
<tr>
<td>350</td>
<td>3 A/C, Extensive ADA Ride Share. Note: 420 amp available</td>
<td>BLP4004H</td>
<td>Pad Mount</td>
</tr>
</tbody>
</table>

**Output Curves**

The alternator on a school bus spends the vast majority of its working life operating at very low speeds. Most school bus alternators usually operate at about 2,000 RPM and seldom get above 4,000 RPM. The only important rating is the amount of power that the alternator can produce while the engine is idling. Don’t be misled by posted “maximum RPM ratings” that the unit and application will never be able to achieve.

*Check with your Prestolite representative for more details

†Delco Remy is a registered trademark of General Motors Corporation, licensed to BorgWarner PDS (Anderson) L.L.C. ††28SI and 38SI are registered trademarks of BorgWarner.

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7585 Empire Drive • Florence, KY 41042 • (800) 354-0560 • www.IdleProExtreme.com
## School Bus

### Tech Specs

#### SPECS

<table>
<thead>
<tr>
<th>Engine Size</th>
<th>Up to 11L, 12V</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rotation</td>
<td>Clockwise</td>
</tr>
<tr>
<td>Mounting</td>
<td>SAE #1, SAE #3</td>
</tr>
</tbody>
</table>

#### Pinion Data

- **M105322**  
  13 Tooth, 82.5°
- **M105601**  
  12 Tooth, 319°
- **M105602**  
  12 Tooth, 82.5°
- **M105603**  
  11 Tooth, 49°
- **M105610**  
  10 Tooth, 319°
- **M105611**  
  10 Tooth, 127.5°
- **M105612**  
  12 Tooth, 127.5°
- **M105613**  
  12 Tooth, 82.5°
- **M105615**  
  11 Tooth, 52.5°
- **M105617**  
  10 Tooth, 292.5°
- **M105618**  
  11 Tooth, 52.5°
- **M105352**  
  11 Tooth, 240°

#### Output

12V peak at 5kW

#### Weight

Less than 29 lbs.

#### Warranty

- Truck Applications, 1-Year/150,000-Miles*/
  3-Year/350,000-Miles* with OCP

## PowerPro Starters

<table>
<thead>
<tr>
<th>SALES #</th>
<th>VOLTS</th>
<th>MOUNT</th>
<th>FLANGE POS</th>
<th>SWITCH POS</th>
<th>PINION PITCH</th>
<th>PINION OD MM</th>
<th>PINION TEETH</th>
</tr>
</thead>
<tbody>
<tr>
<td>M105322</td>
<td>12</td>
<td>SAE3</td>
<td>82.5°</td>
<td>-45°</td>
<td>10/10</td>
<td>46.3</td>
<td>13</td>
</tr>
<tr>
<td>M105601</td>
<td>12</td>
<td>SAE1</td>
<td>319°</td>
<td>45°</td>
<td>12/10</td>
<td>37.23</td>
<td>12</td>
</tr>
<tr>
<td>M105602</td>
<td>12</td>
<td>SAE3</td>
<td>82.5°</td>
<td>45°</td>
<td>10/12</td>
<td>46.5</td>
<td>12</td>
</tr>
<tr>
<td>M105603</td>
<td>12</td>
<td>SAE1</td>
<td>49°</td>
<td>-90°</td>
<td>8/10</td>
<td>43.5</td>
<td>11</td>
</tr>
<tr>
<td>M105610</td>
<td>12</td>
<td>SAE1</td>
<td>319°</td>
<td>45°</td>
<td>8/10</td>
<td>39.9</td>
<td>10</td>
</tr>
<tr>
<td>M105611</td>
<td>12</td>
<td>SAE1</td>
<td>127.5°</td>
<td>45°</td>
<td>8/10</td>
<td>39.9</td>
<td>10</td>
</tr>
<tr>
<td>M105612</td>
<td>12</td>
<td>SAE1</td>
<td>127.5°</td>
<td>45°</td>
<td>8/10</td>
<td>46.6</td>
<td>12</td>
</tr>
<tr>
<td>M105613</td>
<td>12</td>
<td>SAE3</td>
<td>82.5°</td>
<td>90°</td>
<td>8/10</td>
<td>46.6</td>
<td>12</td>
</tr>
<tr>
<td>M105615</td>
<td>12</td>
<td>SAE3</td>
<td>52.5°</td>
<td>45°</td>
<td>6/8</td>
<td>57.4</td>
<td>11</td>
</tr>
<tr>
<td>M105617</td>
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<td>SAE3</td>
<td>292.5°</td>
<td>-90°</td>
<td>8/10</td>
<td>39.8</td>
<td>10</td>
</tr>
<tr>
<td>M105618</td>
<td>12</td>
<td>SAE3</td>
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<td>45°</td>
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<td>57.4</td>
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</tr>
<tr>
<td>M105352</td>
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<td>240°</td>
<td>-160°</td>
<td>8/10</td>
<td>43.37</td>
<td>11</td>
</tr>
</tbody>
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