

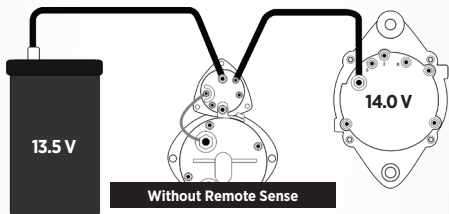
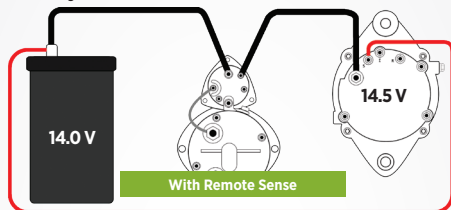


GENUINE PRODUCTS

55SI™ Heavy Duty Brushless Alternator

FEATURES & BENEFITS

- **Powerful:** 12 Volt 430 Amp and 24 Volt 250 and 275 Amp models provide high output performance at engine idle for applications with significant electrical loads.
- **Durable:** Brushless design has fewer moving parts. Fewer moving parts mean less wear and longer life.
- **Equipped with Remote Sense** which can reduce battery charge time by 50%



Remote Sense utilizes a second wire that reads the actual voltage at the battery. This signals the alternator to boost its output to compensate for the voltage drop, ensuring 14 Volts at the battery. The proper voltage forces more current into the battery bringing it to a full state of charge between vehicle stops.

- **Efficient:** high efficiency translates to less engine horsepower requirements, resulting in substantial fuel savings.
- **Compact:** Weighing in at 43 pounds with the frame length of only 8 inches, freeing up engine mounting space.
- **Warranty:** 3 year/unlimited miles (Applicable to U.S. and Canada only)



From 12 volt applications such as vocational, fire and long haul trucks with auxiliary power units to 24 volt applications like off-highway equipment and transit and coach buses, the 55SI is designed to take on the demanding electrical loads of today's heavy duty vehicles.



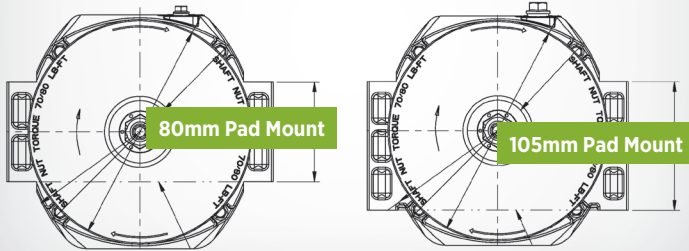
SPECIFICATIONS

| | |
|---------------------------|--|
| Performance Output | 12 Volt: 430 Amps 24 Volt: 250 & 275 Amps |
| Maximum Speed | 8,000 RPM Continuous 9,000 RPM Intermittent |
| Rotation | Clockwise |
| Temperature Rating | 250 Amp - 125°C/257°F 275 Amp - 110°C/230°F 430 Amp - 93°C/200°F |
| Mounting | Pad |
| Efficiency | 12 Volt: 73%, 24 Volt: 80% |
| Weight | 43.2 lbs/19.6 kg |
| Overall Length | 11.25 in/285.9 mm |
| Stator Diameter | 6.9 in/175 mm |
| Remote Sense | Standard |

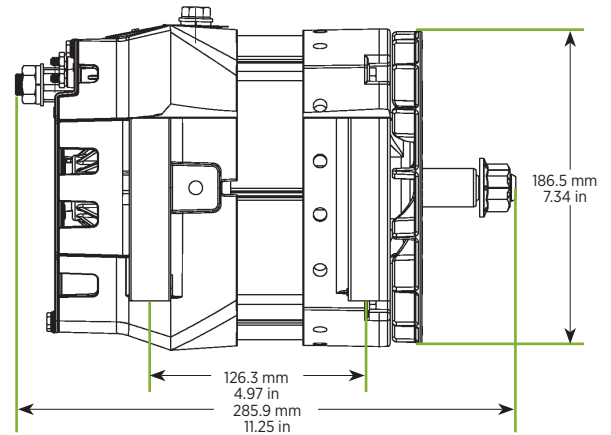
55SI™ Heavy Duty Brushless Alternator

THE 55SI IS AVAILABLE IN THE STANDARD 80MM PAD MOUNT AND THE 105MM PAD MOUNT THAT PROVIDES ADDITIONAL CLEARANCE.

Longer bolts will be required with the 105mm and a change to the drive belt length may be required.



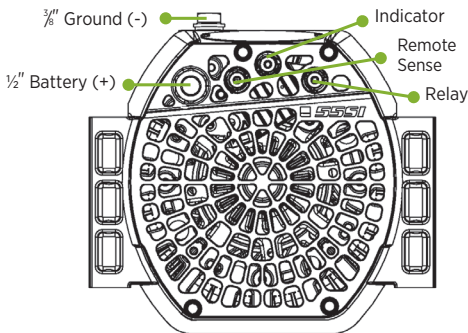
PAD MOUNT



MODEL INFORMATION

| OE Part # | Amps | Volts | All-Makes Part # | Mounting |
|-----------|------|----------|------------------|-------------------------|
| 8600529 | 430 | 12 | 61006079 | 105MM Long Pad Mount |
| 8600629 | | | | |
| 8600581 | 250 | 24 | 61006080 | |
| 8600635 | | | | |
| 8600557 | | | | |
| 8600580 | 275 | 61006081 | | |
| N/A | 430 | 12 | 8600473 | 80MM Standard Pad Mount |
| 8600453 | 250 | 24 | 61006082 | |
| 8600483 | | | | |
| 8600737 | 270 | 61006083 | | |
| 8600480 | 275 | | | |
| N/A | 430 | 12 | 61003345 | J180 Hinge Mount |
| 61002316 | 275 | 24 | 8600564 | |

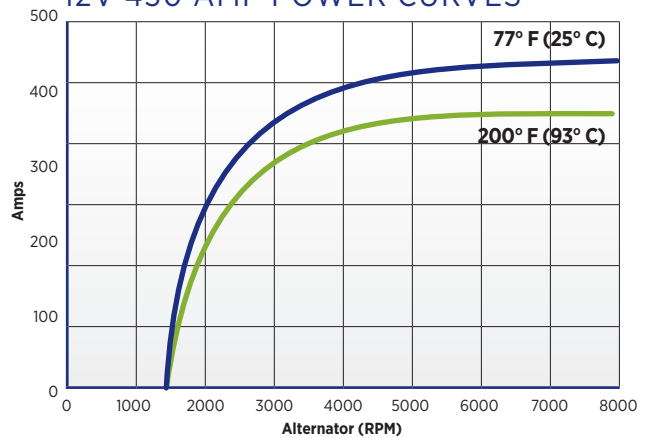
INSTALLATION



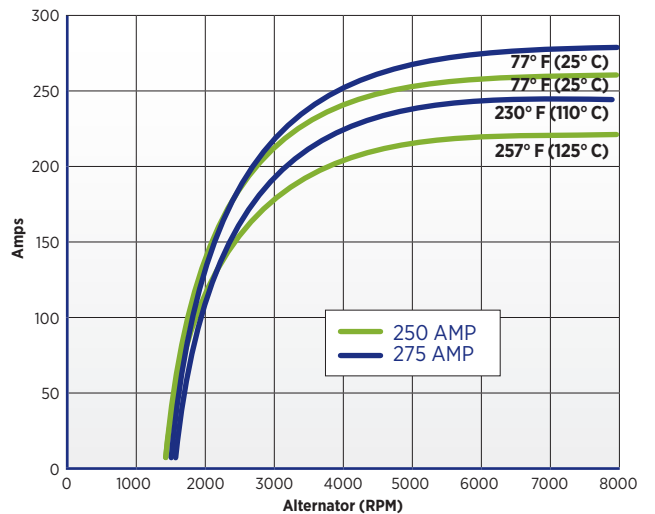
Tech Support 800-372-0222

If you need assistance with part number identification or electrical system troubleshooting, we're here to help.

12V 430 AMP POWER CURVES



24V POWER CURVES



delcoremy.com



BorgWarner Inc.
13975 BorgWarner Drive
Noblesville, IN 46060 USA
For Customer Service or Technical Assistance call 1-800-372-3555

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