



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.
- **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*

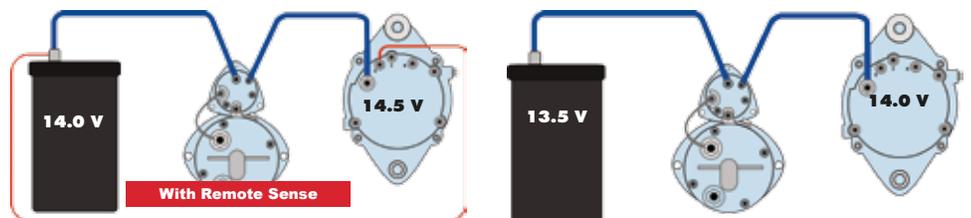


From 12 Volt applications such as utility & work trucks, fire trucks, and long haul trucks with auxiliary power units to 24 Volt applications like wheel loaders, graders and mining equipment, the 55SI is designed to take on the demanding electrical loads of today's heavy duty vehicles.

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

Remote Sense can reduce battery charge time by 50%

The 55SI is equipped with Remote Sense which 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.



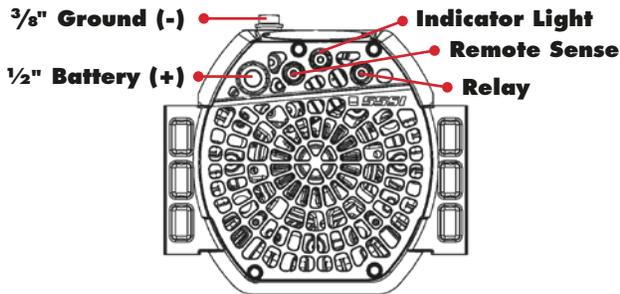
* Applicable to U.S. and Canada only

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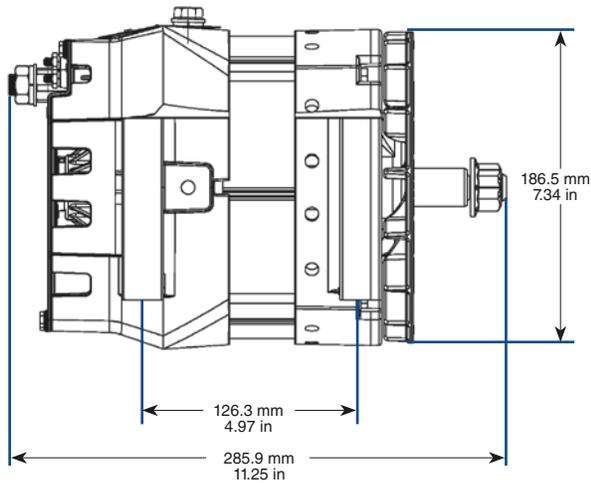
**Heavy Duty Brushless Alternator.
Powerful. Durable. Efficient. Compact.**

MODEL INFORMATION				
Model	Mount	Part #	B+ Terminal	Applications
12V 430 Amp	Pad	8600529	1/2"	Fire trucks and medium & heavy duty trucks
24V 250 Amp	Pad	8600581	5/16"	Transit and off-highway vehicles
24V 275 Amp	Pad	8600580	5/16"	Transit and off-highway vehicles
24V 275 Amp	J180	8600564	5/16"	Transit and off-highway vehicles

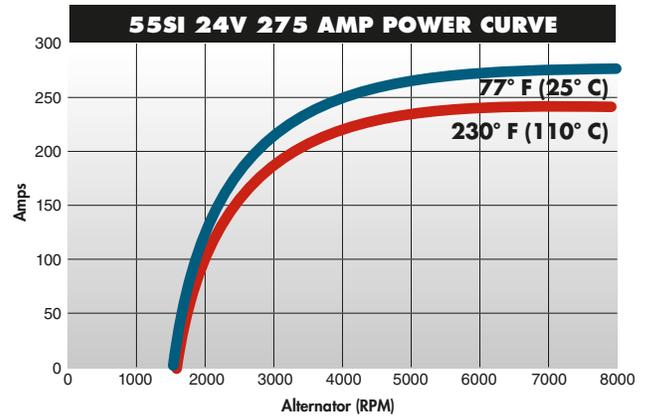
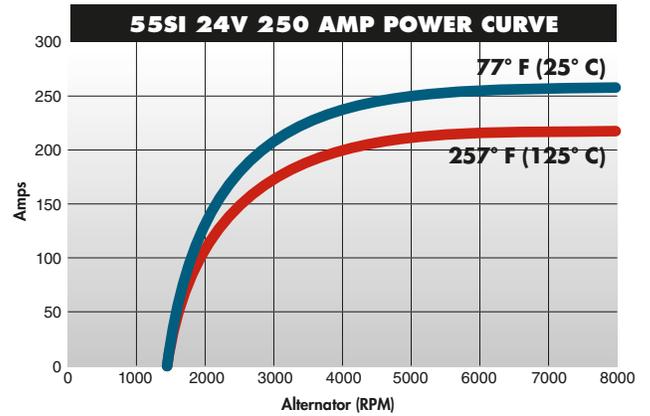
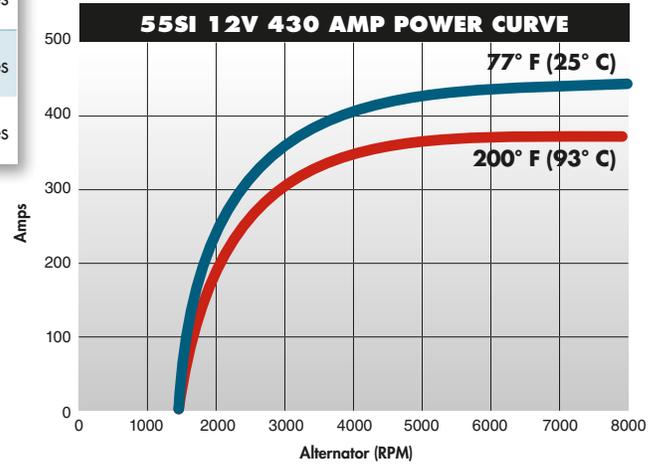
INSTALLATION



PAD MOUNT



**Part numbers fast
at delcoremy.com**



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600 Corporation Drive
Pendleton, IN 46064 USA
For Customer Service or Technical
Assistance call 1-800-372-3555

delcoremy.com

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