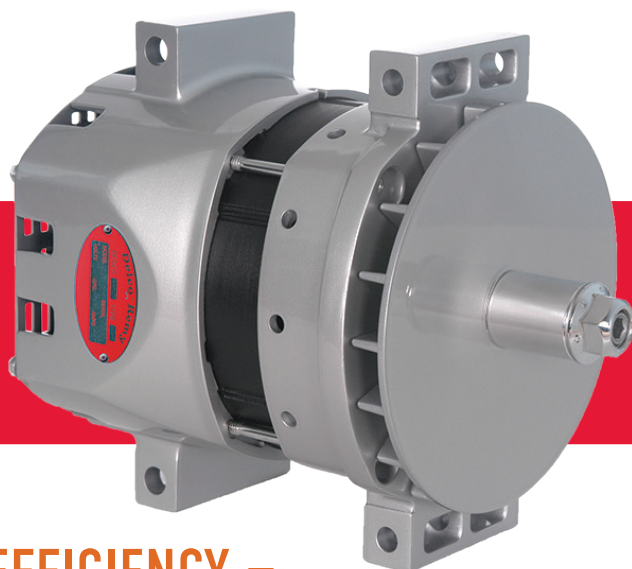




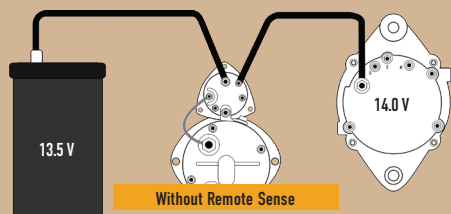
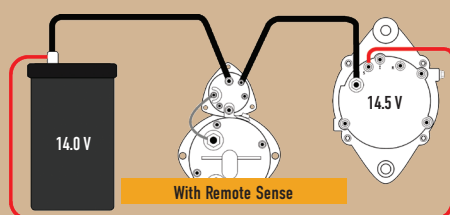
40SI™

HEAVY DUTY BRUSHLESS ALTERNATOR



FEATURES & BENEFITS

- **Brushless Advantage:** fewer moving parts means 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.

- **OE approved**, assuring OE quality and performance for aftermarket replacements
- **Superior output** producing up to 320 Amps at road speed and 190 Amps at idle
- **Warranty:** 3 year/unlimited miles (Applicable to U.S. and Canada only)

HIGH EFFICIENCY = FUEL ECONOMY

Go to delcoremy.com to calculate your savings when you install a 40SI.

High efficiency translates to less engine horsepower requirements, resulting in substantial fuel savings.

Real time operating data was collected on several vehicle applications for the overall vehicle and electrical system. The following chart shows the fuel cost savings over a typical life cycle by increasing the alternator efficiency from 60% to 72%.

FUEL SAVINGS

Vehicle Type & Miles Driven	Average Current	Fuel Cost with 60% Efficient Alternator	Fuel Cost with 72% Efficient Alternator (40SI)	Savings
Line Haul Tractor (500k mi)	84 Amps	\$4,534	\$3,778	\$756
City Tractor (350k mi)	40 Amps	\$2,235	\$1,863	\$372
School Bus (250k mi)	102 Amps	\$9,040	\$7,533	\$1,057

Based on diesel fuel at \$4/gal

SPECIFICATIONS

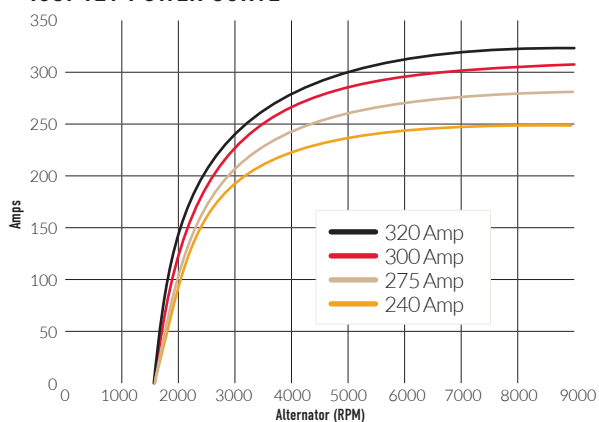
Performance Output	12 Volts 240 Amps (160 Amps at idle) 12 Volts 275 Amps (180 Amps at idle) 12 Volts 300 Amps (190 Amps at idle) 12 Volts 320 Amps (190 Amps at idle)
Maximum Speed	8,000 RPM Continuous, 10,000 RPM Intermittent
Rotation	Clockwise
Temperature Rating	240 & 275 Amp: 125°C/257°F 300 & 320 Amp: 115°C/239°F
Mounting	J180 Short Hinge Mount, J180 Long Hinge Mount, Pad Mount
Efficiency	72%
Weight	31 lbs/14.1 kg

40SI HEAVY DUTY BRUSHLESS ALTERNATOR

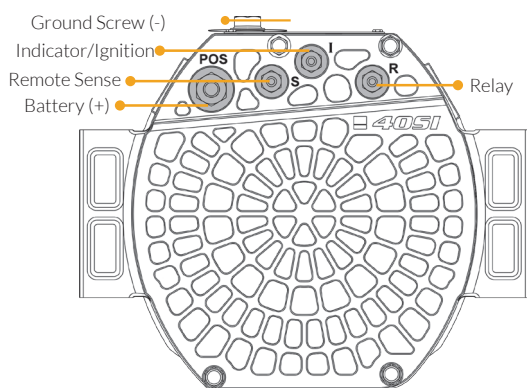
COMPETITIVE COMPARISON

Specs	40SI	Leece Neville
Design	Brushless	Brush
Temp. Rating	240 & 275 Amp: 257°F/125°C 300 & 320 Amp: 239°F/115°C	230°F/110°C
Average Efficiency	72%	60%
Weight	31 lbs/14.1 kg	32 lbs/14.4 kg
Stator Diameter	152 mm	167 mm
Length	252 mm	272 mm
Remote Sense	Yes	No

40SI 12V POWER CURVE



INSTALLATION



NOTE: When the Remote Sense terminal is not connected, the alternator operates and regulates voltage normally.

COMPETITIVE INTERCHANGE DATA

40SI 12 VOLT					
Mounting	Delco Remy 40SI		Leece-Neville		
	Part #	Output (Amps)	Part #	Sales #	Output (Amps)
Pad	8600338	240	BLP2332GH BLP2334GH A0014940PA A0014948PA A00149551PGH A0014958PA A0014959PA	BLP2332GH BLP2334GH 4940PA 4948PA 4951PGH 4958PA 4959PA	185 200 220
			A0014942PA A0014944PA A0014947PA A0014949PA A00114949GH A0014975PAA	4942PA 4944PA 4947PA 4949PA 4949GH 4975PAA	270
	8600298	300			
	8600628	320	A0014962PA A0014962PAH A0014966PAA	4962PA 4962PAH 4966PAA	320
J180 Long Hinge	8600390	240	A0014850AA A0014860AA A0014860JB A0014861JB A0014863JB A0014868JGH A0014884JB A0014885JB A0014887JB A0014852AA A0014869JB A0014873JB A00114854AA	4850AA 4860AA 4860JB 4861JB 4863JB 4868JGH 4884JB 4885JB 4887JB 4852AA 4869JB 4873JB 4854AA	200 220 240 245 250
			A0014856AA A0014867JB A0014867JGH A0014870AA A0014870JB A0014871JB A0014872AA A0014872JB	4856AA 4867JB 4867JGH 4870AA 4870JB 4871JB 4872AA 4872JB	270
	8600280	275			
	8600300	300			
	8600634	320	A0014890AA A0014890JB A0014892AA	4890AA 4860JB 4892AA	320
J180 Short Hinge	8600339	240			
	8600279	275			
	8600299	300			
40SI 24 VOLT					
Mounting	Delco Remy 40SI		Competitive Part Number		
	Part #	Output (Amps)			
J180 Short Hinge	61000853	160	BLD3315GH BLD3365GH ZLNBLD3365GH		
Pad	61032570	130	23963289, 61014835		
	8600668	160	101210-9011, 110-816, 200619,20R0053, 272-1889, BLP3312, HDBSC150A		
	61032571		23963290, 61014826		



For Customer Service or
Technical Assistance call 800-372-0222

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