

GM24V-150

HIGH AMP ALTERNATOR

Part # GM24V-150

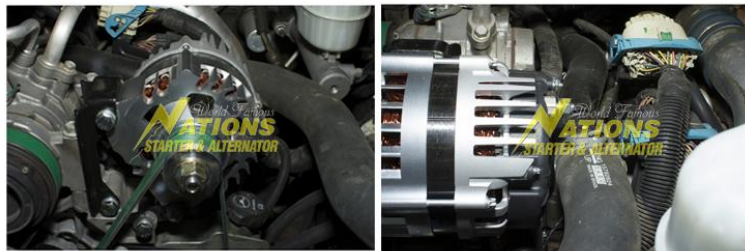


GM 24VOLT DUAL SPOOL HIGH OUPUT ALTERNATOR

Nations Alternator is always striving to bring new innovation to the aftermarket industry. After doing a ton of research and development, we are happy to talk about our new 24V, 150-amp high output alternator.

The Nations 24V high output alternator is built off of **ZERO** aftermarket Chinese components. Instead, we're using 100% brand new OEM components along a custom in-house CNC machined billet aluminum drive end frame. The drive end frame pictured here has the same mounting pattern as a CS130D, AD244, CS144, DR44 and DR44G alternator. The custom billet aluminum housing shows the amount of detail we put into making our drive end frames stand out

GM/Chevrolet Duramax 6.6L V8 Dual Alternator Kit



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This power curve reflects Hot operating temperature performance.

The biggest advantage of this alternator is its ability to produce a extremely impressive power curve. We have tested this 24V alternator on a Chevrolet Duramax and saw over 90 amps at 28 volts at idle at operating temperatures.

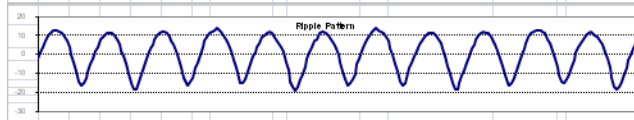
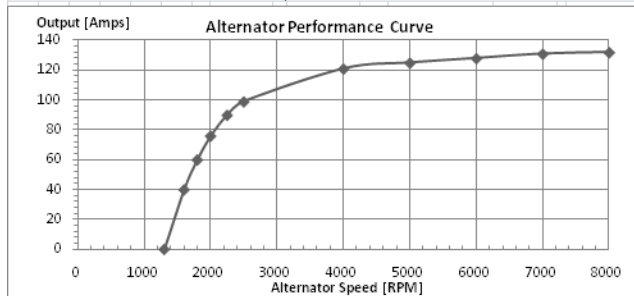
Test Results Table:

Alternator Part Number:	2428	
Alternator Serial Number	1	
Alternator Description:	24V, 0A, NEG	
Maximum Alternator Output:	Amps	140
Maximum Output Power:	Watts	3955
Average Idle Output	Amps	88
Voltage Set Point	Volts	28.25
Leakage Current	mAmps	1.17
Ripple Current	Amps	33
Alternator Turn On Speed	RPM	1378
Regulator Activation Speed	RPM	-
Secondary Regulation	Volts	-
Tachometer Frequency	Hz	-
Stator Voltage	Volts	-
Field Current	Amps	-
Lamp Style	-	-
Lamp Type	-	-
Regulator Voltage (at Computer Control Function Test)	Volts	-

Output Current Table In Alternator RPM
Most Vehicles Are 3.5 Alternator RPM to 1 Engine RPM

Output Current at 1600 Alternator RPMs	Amps	40
Output Current at 1800 Alternator RPMs	Amps	60
Output Current at 2000 Alternator RPMs	Amps	76
Output Current at 2250 Alternator RPMs (Average Idle Speed)	Amps	90
Output Current at 2500 Alternator RPMs	Amps	99
Output Current at 4000 Alternator RPMs	Amps	121
Output Current at 5000 Alternator RPMs	Amps	125
Output Current at 6000 Alternator RPMs	Amps	132
Output Current at 7000 Alternator RPMs	Amps	135
Output Current at 8000 Alternator RPMs	Amps	140

Output tested @ 26.2 V



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