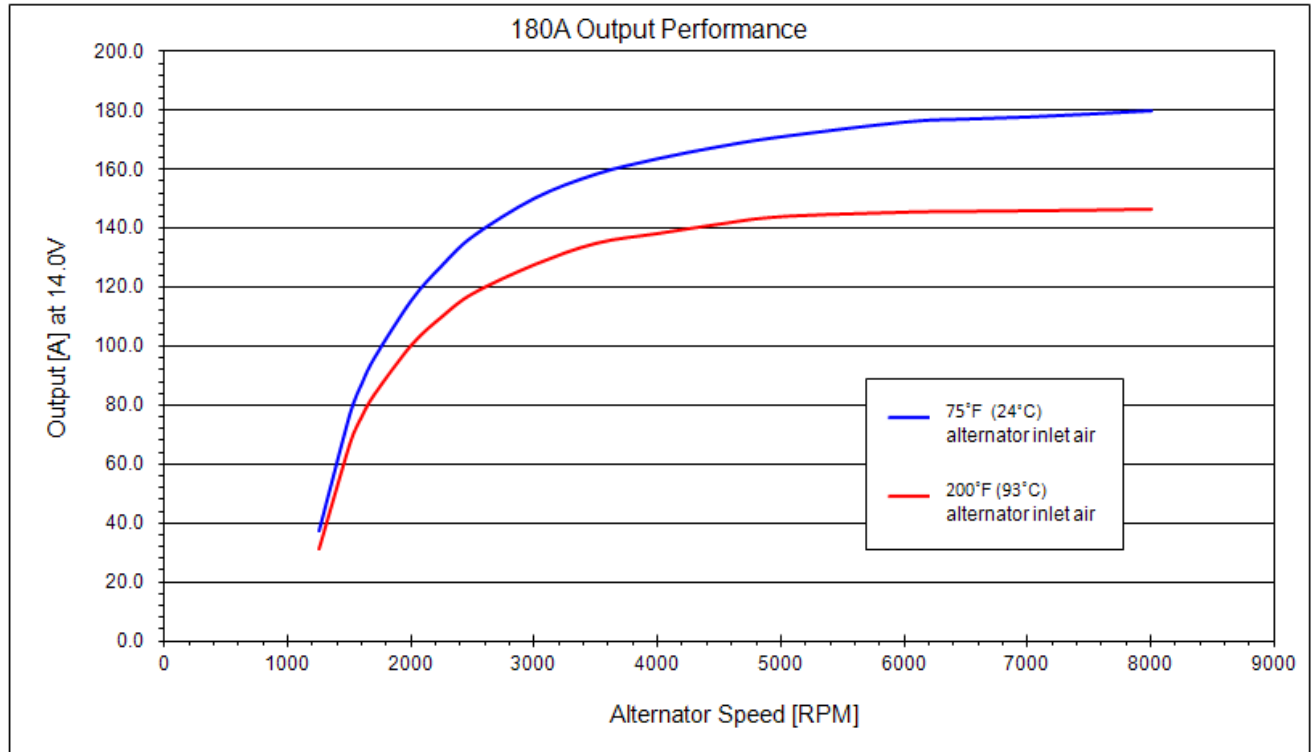


180A ALTERNATOR OUTPUT CURVES - SALES CODE BAD

Temperature	75°F (24°C)	200°F (93°C)
ALT speed [RPM]	Output [A]	Output [A]
1000	0	0
1250	37.6	31.3
1500	77.2	67.0
1600	87.9	76.5
1700	96.4	83.8
2000	115.9	100.5
2250	127.8	110.2
2500	137.6	118.0
3000	150.5	127.8
3500	158.7	135.0
4000	163.9	138.3
4500	168.0	141.5
5000	171.3	144.0
6000	176.3	145.5
6500	177.3	145.8
7000	178.0	146.0
7500	179.0	146.2
8000	180.1	146.5



Pulley Ratios

6.4 L Gas - 2.78:1

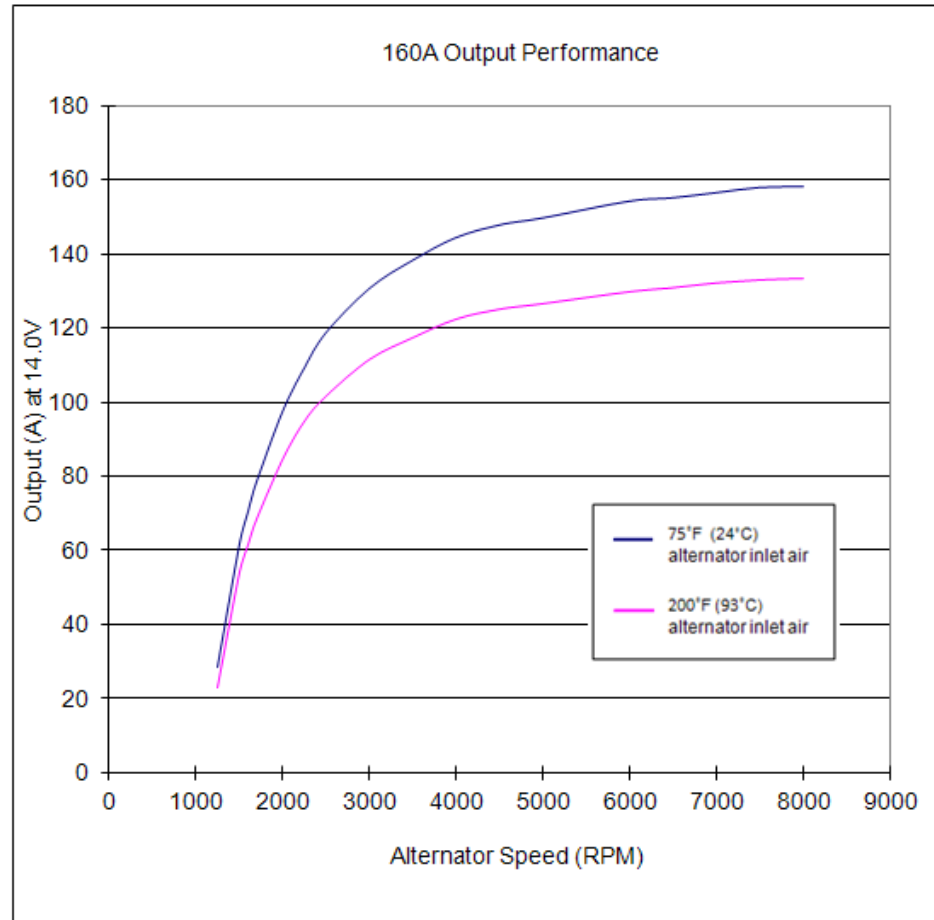
6.7 L Diesel - 3.74:1

Alternator Output Curves

160A ALTERNATOR OUTPUT CURVES

Secondary Alternator with Dual Alternators Sales Code XF5 on 6.4L Gas Engine

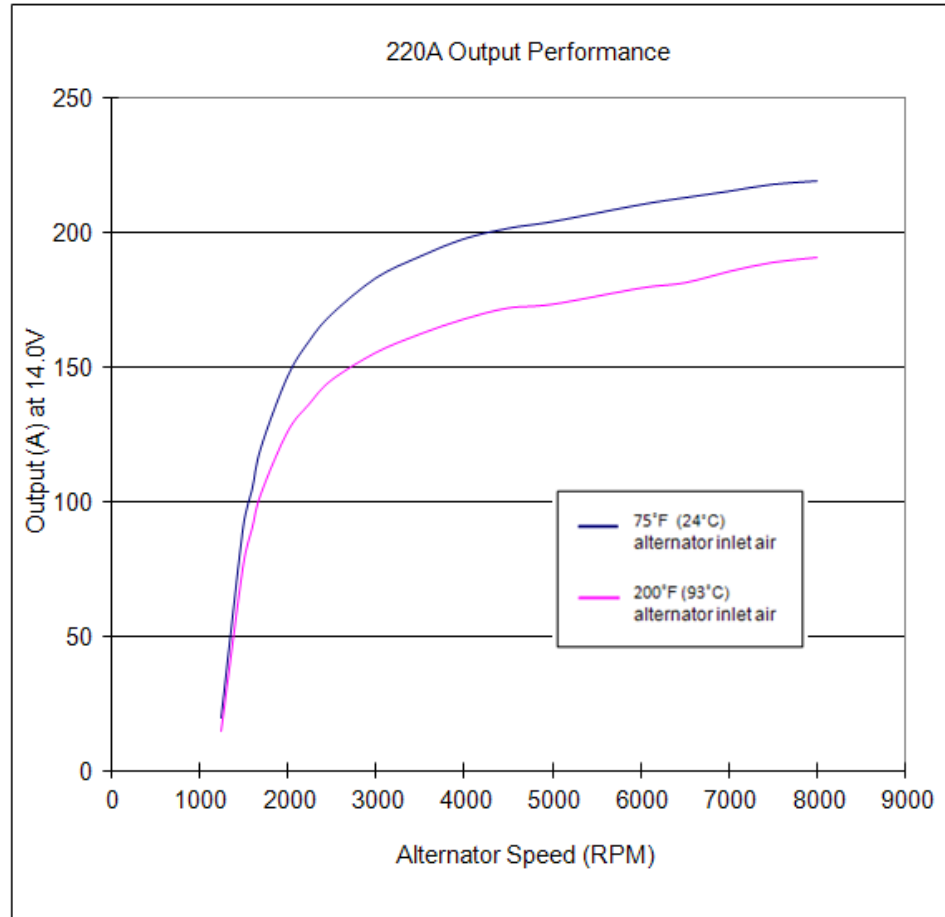
Temperature	75°F (24°C)	200°F (93°C)
ALT speed [RPM]	Output [A]	Output [A]
1250	28.6	23.0
1500	61.4	53.8
1600	70.4	61.5
1700	78.5	68.5
2000	97.5	84.7
2250	109.2	95.0
2500	118.7	101.8
3000	130.6	111.7
3500	138.2	117.6
4000	144.3	122.6
4500	147.7	125.3
5000	149.6	126.8
6000	154.1	130.0
6500	155.0	131.1
7000	156.4	132.4
7500	157.8	133.2
8000	158.0	133.6



Pulley Ratio - 2.72:1

220A ALTERNATOR OUTPUT CURVES –
 Sales Code BAJ for Single Alternator
 Sales Code XF5 as part of Dual Alternator 6.4L Gas
 Sales Code XF7 for Dual Alternator 6.7L Diesel

Temperature	75°F (24°C)	200°F (93°C)
ALT speed [RPM]	Output [A]	Output [A]
1250	19.5	14.5
1500	90.6	76.3
1600	104.4	89.9
1700	120.0	102.8
2000	146.5	125.9
2250	159.9	136.4
2500	169.7	145.2
3000	183.2	155.4
3500	191.2	162.3
4000	197.8	167.9
4500	201.7	172.0
5000	204.2	173.4
6000	210.5	179.4
6500	213.1	181.4
7000	215.5	185.6
7500	218.1	189.0
8000	219.3	190.8



Pulley Ratios

6.4 L Gas - 2.90:1

6.7 L Diesel - Primary Alternator - 3.24:1

6.7 L Diesel - Secondary Alternator with Dual Alternators - 3.22:1