

# PennTex Complete Line of Alternators

- Charging systems that deliver more amps at idle for all shuttle and transit bus applications
  - Alternators from 220 to 350 amps at 14 volts and 130 to 330 amps at 28 volts
  - External voltage regulator design for maximum performance



**PX-833**  
50DN air-cooled  
upgrade

- Higher output: 28 volts / 330 amps with more than 200 amps at idle
- Increased fuel economy with air-cooled design
- Utilizes all existing hardware, electrical components and pulley



Or quickly convert your leaky oil-cooled 50DN to air-cooled with a PennTex *PX-8 BCK Conversion Kit*. No oil seals to lubricate and install makes this conversion much faster than a 50DN overhaul. No more alternator copper in your engine oil and Proven PennTex Durability!



**PX-4V SERIES**

A drop-in upgrade for the 2005 & Up GM C3500/4500/5500 Chassis with a gas or diesel engine. Our system has a plug-in harness and is rated at 14 volts, 220 amps maximum output. There are six high temperature 60-amp positive diodes and six high temperature 60-amp negative diodes for superior cooling by increased rectification.



**PX-5 SERIES**

An extra heavy-duty upgrade for the Ford E-Series chassis with a gas or diesel engine including 2011 OEM applications. Our system is rated at 14 volts, 230 and 250 amps maximum output. It uses 12 high temperature 60-amp positive diodes and 6 high temperature 60-amp negative diodes in heat sinks for superior cooling.

**PennTex**  
INDUSTRIES, INC.

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Manufacturing: 7620 Flagstone Drive, Ft. Worth, TX 76118 Phone: 817-590-2818 Fax: 817-590-0505 Toll Free: 877-590-7366  
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**Manufacturers of High Efficiency Alternators and Mobile Electronic Devices**



# **PennTex** INDUSTRIES, INC. HEAVY DUTY CHARGING SYSTEMS

## *FEEL THE POWER* OF **HIGH OUTPUT ALTERNATORS**



14-volts,  
200 amps  
6.5" long  
7.125" tall

**PX-2 SERIES**



14-volts,  
220 amps  
7.02" long  
6.65" wide

**PX-4V-220 SERIES**



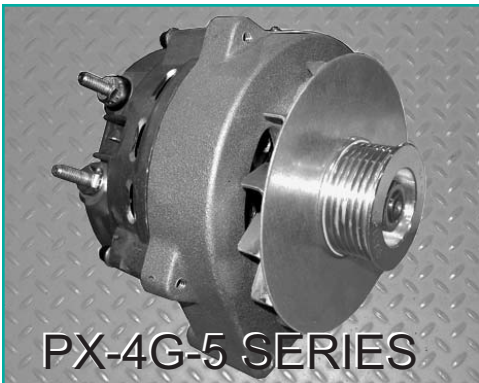
14-volts,  
200, 285 &  
305 amps  
9.25" long  
6.67" wide

**PX-3 SERIES**



14-volts,  
230 & 250  
amps  
7.97" long  
7.13" tall

**PX-5 SERIES**



14-volts,  
200 amps  
6.5" long  
7.13" tall

**PX-4G-5 SERIES**



14-volts,  
275 & 350  
amps  
10.81" long  
8.66" wide

**PX-6 SERIES**

MANY OTHER MODELS AVAILABLE

**NOT JUST A REWOUND FACTORY ALTERNATOR BUT A HEAVY DUTY SOLUTION**

*Get The PennTex Advantage!*  
**PERFORMANCE, ENDURANCE AND SATISFACTION**

Corporate: Manchester, PA    Manufacturing: Ft. Worth, TX    [www.penntexusa.com](http://www.penntexusa.com)    [sales@penntexusa.com](mailto:sales@penntexusa.com)

**FEEL THE POWER**

# OUTPUT CHARACTERISTICS

## 200/170 AMPS

MODEL PX-220-5 TESTED AND PROVEN		
ROTOR RPM	AMPS @ 13.5 VOLTS	
	COLD (SAE)	HOT (200°F)
1800	70	60
2000	95	80
2250	115	95
2500	135	115
3500	170	140
4000	175	145
4500	180	150
5000	185	150
5500	190	160
6000	200	170

## 200/180 AMPS

MODEL PX-320S TESTED AND PROVEN		
ROTOR RPM	AMPS @ 13.5 VOLTS	
	COLD (SAE)	HOT (200°F)
1800	95	80
2000	135	115
2250	150	125
2500	170	140
2750	180	150
3000	190	160
3500	200	165
4000	210	175
4500	215	180
5000	220	185

## 250/210 AMPS

MODEL PX-325S TESTED AND PROVEN		
ROTOR RPM	AMPS @ 13.5 VOLTS	
	COLD (SAE)	HOT (200°F)
1800	85	70
2000	130	110
2250	145	120
2500	180	150
2750	190	160
3000	210	175
3500	225	185
4000	240	200
4500	245	205
5000	255	210

## 305/250 AMPS

MODEL PX-305S TESTED AND PROVEN		
ROTOR RPM	AMPS @ 13.5 VOLTS	
	COLD (SAE)	HOT (200°F)
1800	50	40
2000	95	80
2250	130	110
2500	170	140
2750	200	165
3000	225	185
3500	255	210
4000	275	225
4500	285	235
5000	305	250

## 200/170 AMPS

MODEL PX-420G-5 TESTED AND PROVEN		
ROTOR RPM	AMPS @ 13.5 VOLTS	
	COLD (SAE)	HOT (200°F)
1800	70	60
2000	95	80
2250	115	95
2500	135	115
2750	145	120
3000	155	130
3500	170	140
4000	175	145
4500	180	150
5000	185	155
5500	190	160
6000	200	170

## 220/180 AMPS

MODEL PX-422V TESTED AND PROVEN		
ROTOR RPM	AMPS @ 13.5 VOLTS	
	COLD (SAE)	HOT (200°F)
1800	80	65
2000	110	90
2250	130	110
2500	150	125
2750	160	130
3000	175	145
3500	190	155
4000	200	165
4500	210	175
5000	220	180

## 230/190 AMPS

MODEL PX-520 TESTED AND PROVEN		
ROTOR RPM	AMPS @ 13.5 VOLTS	
	COLD (SAE)	HOT (200°F)
1800	110	90
2000	130	110
2250	155	130
2500	170	140
2750	185	155
3000	195	160
3500	210	175
4000	215	180
4500	225	185
5000	230	190

## 250/210 AMPS

MODEL PX-525 TESTED AND PROVEN		
ROTOR RPM	AMPS @ 13.5 VOLTS	
	COLD (SAE)	HOT (200°F)
1800	95	80
2000	125	105
2250	145	120
2500	175	145
2750	190	160
3000	205	170
3500	225	185
4000	235	195
4500	240	200
5000	250	210

## 275/260 AMPS

MODEL PX-627 TESTED AND PROVEN		
ROTOR RPM	AMPS @ 13.5 VOLTS	
	COLD (SAE)	HOT (200°F)
1500	120	97
2000	190	167
2500	227	204
3000	247	225
3500	259	238
4000	269	247
4500	276	253
6000	297	265

## 350/335 AMPS

MODEL PX-635 TESTED AND PROVEN		
ROTOR RPM	AMPS @ 13.5 VOLTS	
	COLD (SAE)	HOT (200°F)
2000	185	160
2500	250	233
3000	281	266
3500	302	287
4000	317	303
5000	337	323
5500	341	328
6000	350	335

## APPLICATIONS

- Specifically designed to perform in a high heat environment.
- For buses and all other vehicles that require a high amperage charging system output.
- See our application guide or contact PennTex for availability of a specific application.

## OPTIONS

- 28 volt and other voltages available.

## PERFORMANCE, ENDURANCE AND SATISFACTION

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